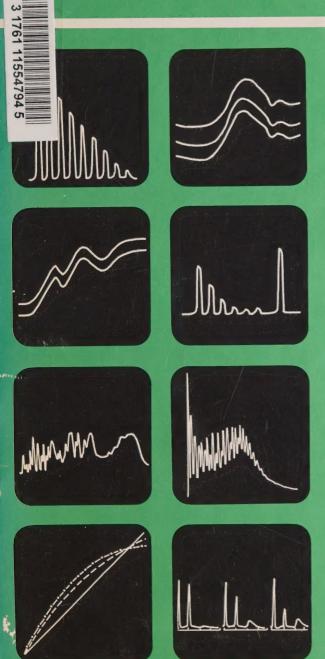


Environnement Canada

CAI EP 40

Water Quality Data
Données sur la qualité des eaux
Yukon Territory
Territoire du Yukon
1961-1973





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Environnement Canada Water Quality Data 19 75 777

Données sur la qualité des eaux

Yukon Territory Territoire du Yukon 1961-1973

INLAND WATERS DIRECTORATE, WATER QUALITY BRANCH, OTTAWA, CANADA, 1975.

DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES, DIRECTION DE LA QUALITÉ DES EAUX, OTTAWA, CANADA, 1975.



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The computerized National Water Quality Data Bank (NAQUADAT) is a depository of water quality information. Chemical, physical, biological and hydrometric data are stored for surface water, groundwater, wastewater, precipitation and other water classifications. The water quality data presented in this report have been determined in Water Quality Branch laboratories as part of the National Water Quality Monitoring Program and from related projects and surveys.

The present summary of water quality data is one of a series covering the major regions of Canada. These compilations of approximately 10 years data are an extension of the Water Survey reports of the industrial water resources of Canada, a monitoring program begun in 1947. The initial report in the current series contained both detailed and summary water quality data for British Columbia (1961-71). The present report is representative of the data summaries which are being published for the remaining provinces and territories. As well as providing a concise account of water quality, these summaries give an indication of the extent of data stored on the NAQUADAT file. In these summary reports, however, data which are very fragmentary (such as infrequently measured parameters) are not reported. More detailed information for particular locations, including all data stored on the file, is available through retrieval searches. This includes parameters such as water temperature and flow data for which averaging is not appropriate. Water discharge measurements at time of sampling are stored for water quality samples taken at Water Survey of Canada stations. This discharge information has been selectively added to NAOUADAT by computer program from the Water Survey data base. By means of retrieval requests, particular data reports can be generated in the form of lists, statistical summaries, plots, loadings or cumulative mass flows. Examples of the various types of searches are documented in the NAOUADAT Users Manual.

The following Water Quality Branch publications may be useful in conjunction with this report:

NAQUADAT USERS MANUAL — This guide provides a detailed description of the NAQUADAT system and outlines the procedures for the retrieval or submission of data. NAQUADAT DICTIONARY — The dictionary

NAQUADAT, la Banque nationale de données sur la qualité des eaux, gérée par ordinateur est une mine de renseignements. En effet, elle renferme des données d'ordre chimique, physique, biologique et hydrométrique sur les eaux de surface, les eaux souterraines, les eaux résiduaires, les précipitations et les autres types d'eau. Les données exposées dans le présent rapport proviennent des laboratoires de la Direction de la qualité des eaux, dans le cadre du programme national de surveillance de la qualité des eaux et grâce à d'autres études et relevés connexes.

Le présent extrait de données sur la qualité des eaux fait partie d'une série qui traite des principales régions du Canada. Il porte sur environ 10 ans et s'ajoute aux rapports de la Division des relevés hydrologiques concernant les ressources canadiennes en eau pour l'industrie, dont la surveillance a débuté en 1947. Le premier rapport de la série renfermait des données détaillées et un extrait des données sur la qualité des eaux en Colombie-Britannique pour la période allant de 1961 à 1971. Le présent rapport est un échantillon des extraits qu'on est à publier sur les autres provinces et territoires. Tout en donnant un bref compte-rendu de la qualité des eaux, ces publications donnent une idée de la masse des données emmagasinées dans la banque NAQUADAT. Toutefois, on n'y trouve pas les données très fragmentaires (comme celles qui représentent des paramètres très peu souvent mesurés). On peut obtenir par recherche des renseignements plus complets concernant des endroits précis, y compris toutes les données emmagasinées. Ceci comprend des paramètres tels que la température et le débit, pour lesquels il ne convient pas d'établir de moyennes. On emmagasine la valeur mesurée des débits au moment du prélèvement des échantillons aux stations de la Division des relevés hydrologiques du Canada. Ces renseignements de la Division sont ajoutés de façon sélective à la banque NAQUADAT par programme machine. Par demandes de recherche, on peut obtenir des séries particulières de données sous forme de listes, d'extraits statistiques, de graphiques, de charges totales ou cumulatives. Dans le NAQUADAT Users Manual, on donne des exemples des différents types de recherche de données.

En plus du présent rapport, on peut consulter les publications suivantes de la Direction de la qualité des eaux:

NAQUADAT USERS MANUAL: Ce guide fournit une description détaillée du système NAQUADAT et indique les méthodes de recherche ou de présentation de données.

contains a detailed explanation of all the parameter codes and conversion factors contained in the NAOUADAT file.

INDEX OF WATER QUALITY STATIONS -The station index contains the locations and code designations of the National Water Quality Monitoring Stations (as well as other stations for which data is stored in the NAQUADAT file), together with the types of parameters measured at each site.

Requests for these publications or for retrieval searches should be directed to the

Head, Data and Instrumentation Section Water Ouality Branch Inland Waters Directorate Environment Canada Ottawa, Ontario K1A 0E7.

GUIDE TO THE USE OF TABLES

This report presents a summary of water samples collected and analyzed during the period January 1961 to December 1973. Since many stations were not sampled for this entire time, the collection periods are indicated for the individual stations. The summary is arranged in order of the 12-digit station codes printed at the top of each page. This code incorporates the Water Survey of Canada basin and sub-basin designation. In the station number the first 2 numerals refer to water type followed by the 2-letter provincial or territorial code. The next 2 digits and 2 letters refer to basin and sub-basin respectively, followed by a final 4-digit sequence number. An alphabetical index of station locations is printed at the back of the report. This enables the user to determine the station number for a particular location and hence locate the appropriate data. The Station Parameter code 97900S in the index indicates that Water Survey of Canada discharge data is retrievable for that site. The Water Survey Station Reference Number can be obtained from the NAQUADAT station number by replacing the final 4-digit sequence with the 3-digit code indicated. Latitude and longitude positions for the sampling stations are given in the index together with a code indicating the precision of the geographical coordinates. The lower the number the more accurate is the location. Thus 4 would suggest a radius of uncertainty of 30 to 100 meters, 7 an uncertainty (1 to 3 kilometers.

NAQUADAT DICTIONARY: C'est une liste systématique et détaillée de tous les codes paramétriques et facteurs de conversion utilisés

par la banque NAQUADAT.

INDEX OF WATER QUALITY STATIONS: C'est un répertoire des stations appartenant au réseau national de surveillance de la qualité des eaux avec leur emplacement et code, plus d'autres dont les données sont emmagasinées dans la banque NAQUADAT, ainsi que les types de paramètres qu'elles mesurent.

Pour obtenir des exemplaires de ces publications ou pour demander des recherches d'information, adresser les commandes au

Chef, Section des instruments et données Direction de la qualité des eaux Direction générale des eaux intérieures Environnement Canada Ottawa (Ontario) K1A 0E7.

COMMENT CONSULTER LES TABLEAUX

Le présent rapport est un extrait des données relatives aux échantillons d'eau prélevés et analysés entre janvier 1961 et décembre 1973. Comme les stations n'ont pas toutes fonctionné pendant tout ce laps de temps, on indique pour chacune leur durée de service. L'ordre de présentation suit celui du code des stations de la Division des relevés hydrologiques, code qui compte 12 chiffres et lettres et qu'on indique en tête de chaque page. Ce code tient compte de la séparation du Canada en bassins et sous-bassins, faite par la Division. Les deux premiers chiffres indiquent le type d'eau étudié à la station et sont suivis du code de la province ou du territoire (deux lettres). Les deux chiffres et deux lettres qui suivent identifient le bassin et le sous-bassin, respectivement; ils sont suivis par une suite de quatre nombres. À la fin du rapport on trouve un index alphabétique de l'emplacement des stations. Ceci permet à l'usager de déterminer le numéro de la station pour un endroit précis et de repérer les données correspondantes. Le code 97900S de l'index indique que l'on peut obtenir, pour le site en question, des données relatives au débit, que la Division des relevés hydrologiques a prélevées. On peut se procurer le numéro de référence de la station de la Division à partir du numéro de station de la NAQUADAT en remplaçant les quatre derniers chiffres du code par les trois chiffres indiqués. La latitude et la longitude des stations sont données dans l'index ainsi qu'un code donnant la précision des coordonnées géographiques. Plus le numéro est petit, plus les coordonnées sont précises. Ainsi le chiffre 4 signifie que le rayon d'incertitude est de

Analytical results are presented in the form of minima and maxima, medians and 10, 25, 75 and 90th percentiles, whenever sufficient data are available to calculate these values. The median is the value below which 50% of the results appear. The 10th percentile, for example, is the value below which 10% of the results fall.

In some cases, values within the same column have different numbers of significant figures. This may occur where two or more analytical methods have been used to measure a particular parameter and generally reflects the increased precision available with more recent instruments. Trailing zeros have purposely not been added to the reported values so as to indicate precision and to preserve the detection limits of the actual method used.

In any test where the result is below the detection limit of the analytical method used, the value is preceded by "L". Thus "L.01" means less than 0.01, where 0.01 is the detection limit of the analytical method used for that test. Note that a value reported as "L.1" is not necessarily higher than "L.01". Both results were below the detection limits of the method and/or instrument used for performing the analyses. While the summary provides a good guide to water quality conditions, it is important to interpret the results presented in the tables with caution. The high and low values, for example, refer only to the limited number of samples measured and are not necessarily the actual extreme values which occurred in the water system during the entire time period.

CODING OF ANALYTICAL METHODS

The analytical method used is indicated by the six digit parameter code number at the top of each column. If a parameter summary includes analytical methods different from the one indicated by the column heading, the last three digits of the appropriate method are shown as backup codes. For this summary report, analyses with and without preservation are distinguished (in separate columns) where the quantity of data is sufficient; where there are only few samples these have been combined for conciseness. In the same way, groupings of similar methods are indicated by backup codes. Individual parameters or retrieval codes are, of course, distinguishable by means of particular retrieval searches.

30 à 100 mètres, 7 une incertitude de 1 à 3 kilomètres.

Les données analytiques sont présentées sous la forme de minima et de maxima, de médianes et de 10e, 25e, 75e et 90e percentiles, quand le nombre de données le permet. La médiane est la valeur en dessous de laquelle apparaissent 50% des résultats. Le 10e percentile est la valeur en dessous de laquelle apparaissent 10% des résultats.

Il arrive que les valeurs disposées dans la même colonne ont un nombre différent de chiffres significatifs; c'est parce qu'on a utilisé deux méthodes analytiques ou plus pour mesurer un paramètre donné, et cela montre le gain de précision qu'on a obtenu grâce aux appareils modernes. On a intentionnellement omis les suites de zéros pour les valeurs en question, afin d'en indiquer la précision et de conserver les limites de détection de la méthode utilisée.

Pour tout essai où le résultat est inférieur à la limite de détection de la méthode analytique utilisée, on le fait précéder d'un «L». Ainsi «L.01» veut dire inférieur à 0.01, où 0.01 est la limite de détection pour la méthode analytique utilisée pour l'essai. Veuillez observer qu'une valeur inscrite comme étant «L.1» n'est pas nécessairement plus élevée que «L.01». Les deux sont inférieures aux limites de détection de la méthode et de l'appareil utilisés pour l'analyse. L'extrait donne une bonne idée de la qualité des eaux, cependant, il faut être prudent dans l'interprétation des résultats présentés. Ainsi les maxima et minima indiqués sont ceux qu'on a mesurés et non pas ceux qui ont réellement eu cours pendant toute la période étudiée.

CODES DES MÉTHODES ANALYTIQUES

Un numéro de code paramétrique à six lettres et chiffres indique, en tête de chaque colonne, la méthode qui a servi aux analyses. Si pour un paramètre donné, on s'est servi d'autres méthodes en plus de celle qu'indique le code, les trois derniers chiffres de leur code correspondant sont indiqués en regard des codes de réserve (backup codes). Dans le présent extrait, les résultats d'analyses faites avec et sans l'aide d'agents préservatifs sont présentés à part, si le nombre de données le permet. Autrement, pour sauver de la place on a combiné les résultats dans la même colonne. De la même façon, on a groupé les résultats des analyses par méthodes similaires, en les indiquant par les codes de réserve. Chaque paramètre ou code de recherche est évidemment distinguable par des recherches spéciales.

The parameter code number is of the form ZZXYYA where:

(1) ZZ is a numerical code representing

Tests	Parameter
Chemical tests	ATXYYA
Balances and other calc.	(AT - Atomic number)
parameters	00XYYA
General physical tests	02XYYA
General chemical tests	10XYYA
Pesticides and Herbicides	18XYYA
Bacteriological tests	36XYYA
Biological information	54XYYA
Other information	97XYYA, 98XYYA
	and 99XYYA

(2) X is a one-digit numerical code (0-9) subdividing group (1).

(3) YY is a two-digit sequential numerical code identifying the analytical method used for the test. In certain cases this field is used to further subdivide the type of tests described in (1) and (2).

(4) A is a one-digit alphabetical code indicating the place where the analysis was carried out and whether or not the sample was preserved at the time of sampling. S, represents an *in situ* analysis, F, a field laboratory analysis, L, a laboratory analysis without any on-site preservation and P, a laboratory analysis with on-site preservation of the sample.

A complete description of all the parameter code numbers is given in the NAQUADAT Dictionary.

PRODUCTION OF REPORT

The tables were obtained from the NAQUADAT computer storage and retrieval system. The magnetic tape of retrieved data was processed by a computerized photocomposition system to produce the copy from which the summary tables were printed.

The patterns used to illustrate the cover of this publication are typical of the forms in which results are obtained from instruments used in Water Quality Branch laboratories. The instruments which produced these patterns are only a few of the many instruments in regular use. The list below and the diagram can be used to identify

Le numéro de code paramétrique est de la forme ZZXYYA, où:

(1) ZZ est un code numérique identifiant

Essais	Code
Essais chimiques	ATXYYA
Bilans et autres paramètr	(AT – n° atomique)
calculés	00XYYA
Essais physiques à	
caractère général	02XYYA
Essais chimiques à	
caractère général	10XYYA
Pesticides et herbicides	18XYYA
Essais bactériologiques	36XYYA
Information d'ordre	
biologique	54XYYA
Autres renseignements	97XYYA, 98XYYA
	et 99XYYA

(2) X est un chiffre compris entre 0 et 9 permettant une subdivision du groupe (1);
(3) YY est deux chiffres permettant d'identifier la

(3) YY est deux chiffres permettant d'identifier la méthode analytique utilisée pour l'essai. Ces deux chiffres servent quelquefois à subdiviser davantage le genre d'essais décrits par (1) et (2).

(4) A est une lettre indiquant l'endroit où l'analyse s'est faite et si on a utilisé un agent préservatif dans l'échantillon au moment du prélèvement. S signifie que l'analyse s'est déroulée sur les lieux-mêmes; F, analyse en laboratoire, sur le terrain; L, en laboratoire sans agent préservatif et P, en laboratoire, avec agent préservatif.

Dans le *NAQUADAT Dictionary*, on trouvera une description complète de tous les numéros de code paramétrique.

PRODUCTION DU RAPPORT

On a obtenu les tableaux du système d'emmagasinage et de recherche des données NAQUADAT. Un système de photocomposition géré par ordinateur a traité le ruban magnétique des données obtenues afin de donner une copie à partir de laquelle on a imprimé les tableaux du présent extrait.

Les dessins de la page couverture illustrent la forme sous laquelle on recueille les données obtenues par les appareils des laboratoires de la Direction de la qualité des eaux. Les appareils en question ne représentent qu'une partie de tous ceux qui sont couramment utilisés. La liste qui suit

the instruments which produced the patterns:

AutoAnalyser: 2, 5, 10, 12, 19, 22 Calibration Curves, AutoAnalyser: 23

Polarograph: 1, 6, 11, 21

Gas Chromatograph: 3, 8, 9, 13, 14, 16, 18,

Infrared Spectrophotometer: 4, 17

Mass Spectrometer: 7, 15

et le schéma peuvent servir à les identifier.

Auto-analyseur: 2, 5, 10, 12, 19, 22 Courbes d'étalonnage d'auto-analyseur: 23 Polarographe: 1, 6, 11, 21 Chromatographe en phase gazeuse: 3, 8, 9, 13,

14, 16, 18, 20, 24 Spectrophotomètre infrarouge: 4, 17

Spectromètre de masse: 7, 15

1	2	3	4
7	8	9	10
13	14	15	16
19	20	21	22

5	6	
11	12	
17	18	
23	24	



Summary Data
Données sommaires

WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION 00YT08AA0001 FOR PERIOD 29 07/73 TO 29 07/73

LAT. 60 ° 30 ' LONG. 137 ° 39 '

25TH MEDIAN 50TH 75TH 90TH BACKUP CODES

COTTONWOOD CREEK, YUKON TERRITORY

	MARDNESS TOTAL	10301L PH	10101L ALKALINITY TOTAL CACO3	10151L ALKALINITY PHENOL- PHTHALEIN CACO3	02011L COLOUR APPARENT	02073L TURBIDITY	00210L SATURATION INDEX	00211L STABILITY INDEX	02041L SPECIFIC CONDUCT.	020415 SPECIFIC CONDUCT.
	MG L	PH UNITS	MG/L	MG/L	REL UNITS	JTU	PH UNITS	PH UNITS	US CM	US CM
SAMPLES LOW HIGH AVERAGE STD.DEV	1 74.4 74.4	1 8.0 8.0	1 67 67	1 0 0	1 5 5	1 1.7 1.7			1 151 151	
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
	00203L TOTAL DISSOLVED SOLIDS (CALCD)	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	06001L CARBON TOTAL ORGANIC C	06051L CARBON TOTAL INORGANIC	06101L CARBON DISSOLVED ORGANIC C	06201L BICARBONT. (CALCD.)	(CALCD.)
SAMPLES LOW HIGH AVERAGE STD.DEV	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L 1 82 82	1 0 0
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES										
	06401L FREE CO2 (CALCD.)	07002L NITROGEN TOTAL KJELDAHL N	07105L NITROGEN DISSOLVED NO3 & NO2 N	07306L NITROGEN DISSOLVED NITRATE N	07551L NITROGEN DISSOLVED AMMONIA N	08401L OXYGEN CONSUMED	09105L FLUORIDE DISSOLVED	11103L SODIUM DISSOLVED	11201L SODIUM ABSORPTION RATIO	12102L MAGHESIUM DISSOLVED
SAMPLES LOW HIGH AVERAGE STD.DEV	MG/L 1 1.3 1.3	MG/L	1 0.03 0.03	MG/L	MG/L	MG/L	MG/L	MG/L 1 2.1 2.1	1 0.11 0.11	MG/L
PERCNT:10TH										

10L

WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION 00YT08AA0001 FOR PERIOD 29/07/73 TO 29/07/73

LAT. 60 ° 30 ' LONG. 137 ° 39 '

COTTONWOOD CREEK, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED AL MG/L	14101L SILICA REACTIVE SIO2 MG/L	15413L PHOSPHORUS TOTAL PHOSPHATE P MG/L	DISSOLVED		16303L SULPHATE DISSOLVED SO4 MG/L	17203L CHLORIDE DISSOLVED CL MG/L	19103L POTASSIUM DISSOLVED	20103L CALCIUM DISSOLVED CA MG/L	25101L MANGANESE DISSOLVED MN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV		1 5.3 5.3			1 0.006 0.006	1 11.2 11.2	1 0.8 0.8	1 0.1 0.1	1 21.4 21.4	
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES		05L			56L		06L		01_	
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	ZN MG/L	ZN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	1 0.01 0.01		1 0.17 0.17		1 L.001 L.001			1 L.001 L.001		
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES			04P							
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG/L	PB MG/L	PB MG/L	PB MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	1 L.001 L.001	1 L.005 L.005			1 L.001 L.001					1 L.001 L.001
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES										

02073L

020411

020415

STATION 00YT08AA0002 FOR PERIOD 29 07/73 TO 29 07/73

60 ° 30 ' LONG. 137 ° 39 '

1, 1 2

HARDNESS

MEDIAN 50TH 75TH 90TH BACKUP CODES

MARSH CREEK AT CAMPSITE, YUKON TERRITORY

1.3010

	HARDNESS TOTAL	PH	ALKALINITY	PHENOL- PHTHALEIN	COLOUR	TURBIDITY	SATURATION	STABILITY	SPECIFIC CONDUCT.	SPECIFIC CONDUCT.
	MG L	PH UNITS	MG/L	CACO3 MG/L	REL UNITS	JTU	PH UNITS	PH UNITS	US CM	US CM
SAMPLES LOW HIGH AVERAGE STD.DEV	99.6 99.6	1 7.8 7.8	1 95 95	1 0 0	1 10 10	1 1.3 1.3			1 195 195	
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH BACKUP CODES										
	00203L TOTAL DISSOLVED SOLIDS (CALCD)	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	06001L CARBON TOTAL ORGANIC C MG L	06051L CARBON TOTAL INORGANIC C MG/L	06101L CARBON DISSOLVED ORGANIC C MG/L	06201L BICARBONT. (CALCD.) HCO3 MG/L	06301L CARBONATE (CALCD.)
SAMPLES LOW HIGH AVERAGE STD.DEV									1 115 115	1 0 0
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH BACKUP CODES										
	06401L FREE CO2 (CALCD.) CO2 MG L	07002L NITROGEN TOTAL KJELDAHL N	07105L NITROGEN DISSOLVED NO3 & NO2 N	07306L NITROGEN DISSOLVED NITRATE N	07551L NITROGEN DISSOLVED AMMONIA N MG/L	08401L OXYGEN CONSUMED	09105L FLUORIDE DISSOLVED	11103L SODIUM DISSOLVED	11201L SODIUM ABSORPTION RATIO	12102L MAGNESHUM DISSOLVED
SAMPLES LOW HIGH AVERAGE STD.DEV PERCNT:10TH	1 2.9 2.9	WG-E	1 L.01 L.01	MO/E	mG/E	MG L	MG/L	1 2.3 2.3	1 0.10 0.10	MG L
25TH										

WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION 00YT08AA0002 FOR PERIOD 29/07/73 TO 29/07/73

LAT. 60 ° 30 ' LONG. 137 ° 39 '

MARSH CREEK AT CAMPSITE, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED AL MG/L	14101L SILICA REACTIVE SIO2 MG/L	15413L PHOSPHORUS TOTAL PHOSPHATE P MG/L	15363L PHOSPHORUS DISSOLVED INORG. PO4 P MG/L	15255L PHOSPHORUS DISSOLVED ORTHO PO4 P MG/L	16303L SULPHATE DISSOLVED SO4 MG/L	17203L CHLORIDE DISSOLVED CL MG/L	19103L POTASSIUM DISSOLVED K MG/L	20103L CALCIUM DISSOLVED CA MG/L	25101L MANGANESE DISSOLVED MN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV		1 5.8 5.8	WG/E	Ware	1 0.004 0.004	1 8.5 8.5	1 0.8 0.8	1 0.3 0.3	1 30.8 30.8	WG/E
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES		05L			56L		06L		01L	
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	ZN MG/L	ZN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	1 0.02 0.02		1 0.24 0.24		1 L.001 L.001			1 L.001 L.001		
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES			04P							
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG/L	PB MG/L	PB MG/L	PB MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	1 L.001 L.001	1 L.005 L.005			1 L.001 L.001					1 L.001 L.001
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES										

STATION 00YT08AA0003 FOR PERIOD 29 07,73 TO 29 07,73

75TH 90TH BACKUP LODES

60 ° 31 ' LONG 137 26 '

VICTORIA CREEK, YUKON TERRITORY

	HARDNESS TOTAL	10301c PH	10101L ALKALINITY TOTAL	10151L ALKALINITY PHENOL- PHTHALEIN	COLOUR APPARENT	120*3c TURBIDITY	00210L SATURATION INDEX	00211L STABILITY INDEX	02041L SPECIFIC CONDUCT.	02041S SPECIFIC CONDUCT.
	MG F	PH UNITS	CACO3 MG L	MG L	REL UNITS		PH UNITS	(CALCD) PH UNITS	US CM	US CM
SAMPLES	1	1	1	1	1	1			1	
LOW HIGH AVERAGE STD.DEV	70.3 70.3	8.0	56 56	0	5 5	3.4			144 144	
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES										
	20203L TOTAL DISSOLVED SOLIDS	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	06001L CARBON TOTAL ORGANIC	06051L CARBON TOTAL INORGANIC	06101L CARBON DISSOLVED ORGANIC	06201L BICARBONT. (CALCD.)	06301L CARBONATE (CALCD.)
	(CALCD)	MOU	MC	MOI	MC I	C	C MG/L	C MG/L	HCO3	CO3
	MG L	MG L	MG/L	MG L	MG L	MG-L	MG/L	MG/L	MG/L	MG L
SAMPLES LOW HIGH AVERAGE STD.DEV		1 2 2	2 2						69 69	1 0 0
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES										
	06401L FREE CO2 (CALCD.)	07002L NITROGEN TOTAL KJELDAHL	07105L NITROGEN DISSOLVED NO3 & NO2	07306L NITROGEN DISSOLVED NITRATE	07551L NITROGEN DISSOLVED AMMONIA	08401L OXYGEN CONSUMED	09105L FLUORIDE DISSOLVED	11103L SODIUM DISSOLVED	11201L SODIUM ABSORPTION RATIO	
	CO2 MG L	MG L	N MG/L	N MG/L	N MG/L	O2 MG·L	F MG/L	NA MG/L	REL UNITS	MG L
SAMPLES	1		1	1110-6	1110	WO L	11076	1	1	****
LOW HIGH AVERAGE STD.DEV	1.1		0.02					1.7	0.09	
PERCNT:10TH 25TH MEDIAN 50TH										

STATION 00YT08AA0003 FOR PERIOD 29/07/73 TO 29/07/73

LAT. 60 ° 31 ' LONG. 137 ° 26 '

VICTORIA CREEK, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED AL MG/L	14101L SILICA REACTIVE SIO2 MG/L	Р	DISSOLVED INORG. PO4	DISSOLVED ORTHO PO4	DISSOLVED SO4	17203L CHLORIDE DISSOLVED	19103L POTASSIUM DISSOLVED	20103L CALCIUM DISSOLVED	25101L MANGANESE DISSOLVED
SAMPLES LOW HIGH AVERAGE STD.DEV	MG/L	1 4.0 4.0	MG/L	MG/L	1 0.002 0.002	1 15.9 15.9	1 0.6 0.6	1 0.3 0.3	1 20.4 20.4	MG/L
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES		05L			56L		06L		01L	
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29103L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG L	CU MG/L	ZN MG/L	ZN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	1 L.01 L.01		1 0.26 0.26		1 L.001 L.001			1 L.001 L.001		
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES			04P							
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG 'L	CD MG/L	BA MG/L	HG UG/L	PB MG/L	pr.	PB MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	1 L.001 L.001	1 L.005 L.005			1 L.001 L.001					1 L.001 L.001
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES										

STATION 00YT08AA0004 FOR PERIOD 29 07 73 TO 29 07 73

LAT 60 ° 32 ' LONG 137 ° 26 '

DUCK CREEK YUKON TERRITORY

75TH 90TH

SAMPLES LOW HIGH AVERAGE STD.DEV PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	136031 HARDNESS TOTAL 4 13 MA 1 1 62.9 62.9	10:01L PH PH "NITS 1 7.8 7.8	ALKALINITY TOTAL GAGOT MORE 1 51 51	ALKALINITY PHENOL- PHTHALEIN CACOS MOLL 1 0 0	COLOUR APPARENT REC UNITS 1 L5 L5	020731 TURBIDITY JTU 1 0.4 0.4	SATURATION INDEX IF A. D. PH. N. Y.S.	STABILITY INDEX 'A_ PH NTS	SPECIFIC CONDUCT.	J2.415 SPECIFIC CONDUCT J5 M
BALKUP CODES	DE203L TOTAL DISSOLVED SOLIDS (CALCD)	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	06001L CARBON TOTAL ORGANIC	C6851L CARBON TOTAL INORGANIC	06101L CARBON DISSOLVED ORGANIC	36231L BICARBONT. (CALCD.)	CARBONATE (CALCD.)
	MG L	MG L	MG ·L	MG L	MG L	C MG L	MG L	C MG L	MG L	MG L
SAMPLES LOW HIGH AVERAGE STD.DEV PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH BACKUP CODES									1 63 63	1 0 0
	26401L FREE CO2 (CALCD.) CO2 MG L	07002L NITROGEN TOTAL KJELDAHL N	07105L NITROGEN DISSOLVED NO3 & NO2 N	07306L NITROGEN DISSOLVED NITRATE N MG L	07551L NITROGEN DISSOLVED AMMONIA N MG/L	08401L OXYGEN CONSUMED	09105L FLUORIDE DISSOLVED	11103L SODIUM DISSOLVED NA MG L	11201L SODIUM ABSORPTION RATIO	12152L MAGNESIUM DISSOLVED
SAMPLES LOW HIGH AVERAGE STD.DEV PERCNT:10TH 25TH MEDIAN 50TH	1 1.6 1.6		1 0.08 0.08					1 1.0 1.0	1 0.05 0.05	

STATION 00YT08AA0004 FOR PERIOD 29/07/73 TO 29/07/73

LAT. 60° 32 ' LONG. 137° 26 '

DUCK CREEK, YUKON TERRITORY

SAMPLES LOW HIGH AVERAGE	13101L ALUMINUM DISSOLVED AL MG/L	14101L SILICA REACTIVE SIO2 MG/L 1 3.7 3.7	15413L PHOSPHORUS TOTAL PHOSPHATE P MG/L	16363L PHOSPHORUS DISSOLVED INORG. PO4 P MG/L	15255L PHOSPHORUS DISSOLVED ORTHO PO4 P MG/L 1 0.003 0.003	SO4 MG/L 12.6 12.6	CL MG/L 1 0.7 0.7	POTASSIUM DISSOLVED K MG/L 1 0.1 0.1	20103L CALCIUM DISSOLVED CA MG L 1 20.9 20.9	25101L MANGANESE DISSOLVED MN MG L
STD.DEV PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES		05L			56L		06L		01L	
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	ZN MG/L	ZN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV PERCNT:10TH	1 L.01 L.01		1 0.020 0.020		1 L.001 L.001			1 L.001 L.001		
25TH MEDIAN 50TH 75TH 90TH BACKUP CODES										
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	823021 LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG/L	PB · MG/L	PB VD 4	PH Miles
SAMPLES LOW HIGH AVERAGE STD.DEV	1 L.001 L.001	1 L.005 L.005			1 L.001 L.001					1 L.001 L.001
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES										

STATION 00YT08AA0005 FOR PERIOD 29 07 73 TO 29 07 73

PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH BALKUP CODES LAT 60 ° 32 ' LONG 137 ° 22 '

									. 2.5	5. 5.
	HARDNESS TOTAL	PH	ALKALINITY	PHENOL- PHTHALEIN	COLOUR	TURBIDITY	SATURATION	STABILITY	SPECIFIC CONDUCT.	SPECIFIC
	A ()3		CA(03	CALO3			(CAL' D)	CAL C.		
	MG E	PH JNITS	MG L	MG L	REL UNITS	JTU	PH JUTS	PH JILTS	U. M	J. V
SAMPLES	1	1	1	1	1	1			1	
LOW	66.1	7.9	50	0	5	3.9			142	
HIGH	66.1	7.9	50	0	5	3.9			142	
AVERAGE										
STD.DEV										
PERCNT:10TH										
25TH										
MEDIAN 50TH										
75TH										
90TH										
BACKUP CODES										
	00203L	10401L	10501L	10451L	10551L	06001L	C6051L	061011	06231L	06331
	TOTAL	RESIDUE	RESIDUE	RESIDUE	RESIDUE	CARBON	CARBON	CARBON		CARBONATE
	DISSOLVED	NONFILTR.	FIXED NONFILTR.	FILTERABLE	FILTERABLE	TOTAL	TOTAL	DISSOLVED	(CALCD.)	(CALCD.)
	(CALCD)		NONFILIA.		FILTERADLE	C	C	C	HCO3	CO3
	MG L	MG 'L	MG L	MG L	MG L	MG L	MG L	MG L	MG L	Mts -
SAMPLES		1	1						1	1
LOW		L1	L1						61	0
HIGH		L1	L1						61	0
AVERAGE										
STD.DEV										
PERCNT:10TH										
25TH										
MEDIAN 50TH										
75TH										
90TH										
BAURUP CODES										
	J6401L	07002L	07105L	07306L	07551L	08401L	09105L	11103L	11201L	121021
	FREE CO2	NITROGEN	NITROGEN	NITROGEN	NITROGEN	OXYGEN	FLUORIDE	SODIUM	SODIUM	MAGNESIUM
	(CALCD.)	TOTAL	DISSOLVED	DISSOLVED	DISSOLVED	CONSUMED	DISSOLVED	DISSOLVED	ABSORPTION	DISSOLVED
	000	KJELDAHL N	NO3 & NO2	NITRATE	AMMONIA		-		RATIO	
	CO2 MG L	MG L	N MG L	N MG L	N MG L	O2 MG L	F MG L	NA MG L	REL UNITS	MG L
SAMPLES	1		1					1	1	
LOW	1.2		0.04					2.1	0.11	
HIGH	1.2		0.04					2.1	0.11	
AVERAGE										
STD.DEV										

STATION 00YT08AA0005 FOR PERIOD 29/07/73 TO 29/07/73

LAT. 60° 32 ' LONG. 137° 22 '

CLEAR CREEK, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED AL MG/L	14101L SILICA REACTIVE SIO2 MG/L	15413L PHOSPHORUS TOTAL PHOSPHATE P MG/L	DISSOLVED		16303L SULPHATE DISSOLVED SO4 MG/L	17203L CHLORIDE DISSOLVED	19103L POTASSIUM DISSOLVED	20103L CALCIUM DISSOLVED	25101L MANGANESE DISSOLVED MN MG, L
SAMPLES LOW HIGH AVERAGE STD.DEV		1 2.5 2.5			1 0.002 0.002	1 18.5 18.5	1 0.6 0.6	1 0.1 0.1	1 20.2 20.2	
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES		05L			56L		06L		01L	
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	ZN MG/L	ZN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	1 L.01 L.01	MG/L	1 0.27 0.27	MG/L	1 L.001 L.001	MG/L	MG/L	1 L.001 L.001	MG/L	MGTL
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES			J4P							
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG/L	PB MG L	PB MG/L	PB MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	1 L.001 L.001	1 L.005 L.005			1 L.001 L.001					1 L.001 L.001
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES										

STATION 00YT08AA0006 FOR PERIOD 29 07 73 TO 29 07 73

60 33 LONG 137 20 '

GOAT CREEK, YUKON TERRITORY

MEDIAN 50TH 75TH 90TH

	HARDNESS TOTAL	PH	ALKALINITY TOTAL (A OR M) 5	ALKALINITY PHENOL- PHTHALEIN GAGG? MC.	COLOUR APPARENT		SATURATION INDEX	STABILITY	SPECIFIC CONDUCT.	SPECIFIC CONDUCT
CAMPIEC		1			1	4				0. %
SAMPLES	69.9	7.9	1 49	1	5	1 4.4			149	
HIGH AVERAGE STD.DEV	69.9	7.9	49	0	5	4.4			149	
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BALKUP CODES										
	.5.1	10401L	10501L	104h1L	10ss1_	36001	Jen. 612	06101c	62 1L	363112
	TOTAL DISSOLVED SOLIDS	RESIDUE NONFILTR	RESIDUE FIXED NONFILTR.	RESIDUE FILTERABLE	RESIDUE FIXED FILTERABLE	CARBON TOTAL ORGANIC	CARBON TOTAL INORGANIC	CARBON DISSOLVED ORGANIC	BICARBONT. (CALCD.)	(CALCD.)
	MG L		MG L	MG L	MG L	MG ~	MG L	MG L	MG L	MG L
SAMPLES LOW HIGH AVERAGE STD.DEV		1 1 1	1 L1 L1						1 60 60	1 0 0
PERCNT:10TH										
25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES										
	FREE CO2 (CALCD.)	CTCC2L NITROGEN TOTAL KJELDAHL	07105L NITROGEN DISSOLVED NO3 & NO2	07306L NITROGEN DISSOLVED NITRATE	07551L NITROGEN DISSOLVED AMMONIA	08401L OXYGEN CONSUMED	001050 FLUORIDE DISSOLVED	SODIUM DISSOLVED	11231L SODIUM ABSORPTION RATIO	12132 MAGNESIUM DISSOLVED
	CO2	MG L	N MG L	N	N	02	1.1	· .		٧.
SAMPLES	MG L	WC L	MG L	MG L	MG L	MG L		1	REL UNITS	MG L
LOW HIGH AVERAGE STD.DEV	1.2 1.2		0.04					1.8	0.09	
PERCNT:10TH 25TH										

STATION 00YT08AA0006 FOR PERIOD 29/07/73 TO 29/07/73

LAT. 60° 33 ' LONG. 137° 20 '

GOAT CREEK, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED	14101L SILICA REACTIVE	TOTAL PHOSPHATE P	DISSOLVED INORG. PO4	ORTHO PO4	16303L SULPHATE DISSOLVED	17203L CHLORIDE DISSOLVED	19103L POTASSIUM DISSOLVED	20103L CALCIUM DISSOLVED	25101L MANGANESE DISSOLVED
SAMPLES LOW HIGH AVERAGE STD.DEV	MG/L	1 3.6 3.6	MG/L	M5.	1 0.002 0.002	1 22.9 22.9	1 0.7 0.7	1 0.3 0.3	1 22.9 22.9	MG L
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES		05L			¢ 6		06L		01L	
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG L	NI MG/L	CU MG/L	CU MG/L	CU MG 'L	ZN MG/L	ZN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	1 0.01 0.01		1 0.53 0.53		1 L.001 L.001			1 L.001 L.001		
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES			04P							
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47201P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	+2 + 2P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MC L	CD Mi.	BA MG L	HG UG^L	PB MG L	PB MG L	PB MG
SAMPLES LOW HIGH AVERAGE STD.DEV	1 L.001 L.001	1 L.005 L.005			1 L.001 L.001					1 L.001 L.001
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES										

STATION 00YT08AB0001 FOR PERIOD 13 08 73 TO 13 08 73

LAT 60 ° 6' LONG 137 ° 34'

75TH 90TH BA KUP OLE

CLIMBING CREEK YUKON TERRITORY

	HARDNESS TOTAL	10301L PH	101 1L ALKALINITY TOTAL	ALKALINITY PHENOL- PHTHALEIN	COLOUR APPARENT	OPINTSL TURBIDITY	SATURATION INDEX	STABILITY INDEX	SPECIFIC CONDUCT	2 1 SPECIFIC CONDUCT
	4 () R M 5 (PH INITS	CAL OR	CACO3 MG L	REL UNITS	310	CA. D.	PH 1915	,5 M	05 0
SAMPLES LOW HIGH AVERAGE STD.DEV	51.3 51.3	7.4 7.4	1 47 47	1 0 0	1 L5 L5	1 0.2 0.2			1 101 101	
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BALKUP CODES										
	CO200L TOTAL DISSOLVED SOLIDS (CALCD)	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	CARBON TOTAL ORGANIC	CARBON TOTAL INORGANIC	CARBON DISSOLVED ORGANIC C	Sharit BICARBONT. (CALCD.)	CARBONATE (CALCD)
0.4.45.50	MG L	MG L	MG L	MG L	MG L	MG L	MG L	MG L	MG L	MG .
SAMPLES LOW HIGH AVERAGE STD.DEV PERCNT:10TH 25TH									1 57 57	1 0 0
MEDIAN 50TH 75TH 90TH BACKUP CODES										
	06401L FREE CO2 (CALCD.)	07002L NITROGEN TOTAL KJELDAHL	07105L NITROGEN DISSOLVED NO3 & NO2	07306L NITROGEN DISSOLVED NITRATE	07551L NITROGEN DISSOLVED AMMONIA	08401L OXYGEN CONSUMED	00135L FLUORIDE DISSOLVED	11133L SODIUM DISSOLVED	SODIUM ABSORPTION RATIO	121 2. MAGNESIUM DISSOLVED
	MG L	MG-L	MG L	MG L	MG/L	MG L	MG L	MG L	REL UNITS	MG
SAMPLES LOW HIGH AVERAGE STD.DEV	3.6 3.6		1 0.01 0.01					1 1.0 1.0	0.06 0.06	
PERCNT:10TH 25TH MEDIAN 50TH										

STATION 00YT08AB0001 FOR PERIOD 13/08/73 TO 13/08/73

LAT. 60 ° 6 ' LONG. 137 ° 34 '

CLIMBING CREEK, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED AL MG/L	14101L SILICA REACTIVE SIO2 MG/L	TOTAL	15363L PHOSPHORUS DISSOLVED INORG. PO4 P MG/L		16303L SULPHATE DISSOLVED SO4 MG/L	17203L CHLORIDE DISSOLVED	19103L POTASSIUM DISSOLVED K MG/L	20103L CALCIUM DISSOLVED CA MG 'L	25101L MANGANESE DISSOLVED MN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV PERCNT:10TH		1 5.7 5.7	mo c	WOL	1 0.002 0.002	1 5.6 5.6	1 0.2 0.2	1 0.1 0.1	1 17.4 17.4	
25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES		05L			56L		061		01L	
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG, L	CU MG/L	CU MG L	ZN MG/L	ZN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	1 L.01 L.01		1 0.020 0.020		1 L.001 L.001			1 L.001 L.001		1 L.001 L.001
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES										
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG/L	PB MG/L	PB MG/L	ρ
SAMPLES LOW HIGH AVERAGE STD.DEV		1 L.005 L.005			1 L.001 L.001					1 L.001 L.001
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES										

STATION 00YT08AB0002 FOR PENIOD 26 08 73 TO 26 08 73

LAT 60 ° 18 ' LONG 137 ° 28 '

MUSH CREEK, YUKON TERRITORY

	HARDNESS TOTAL	10301L PH	ALKALINITY TOTAL	ALKALINITY PHENOL- PHTHALEIN	COLOUR APPARENT	02077L TURBIDITY	SATURATION INDEX	STABILITY INDEX	SPECIFIC CONDUCT.	020415 SPECIFIC CONDUCT
	· A () ?		CA: 173	CA: 03			(A, D)	JAL D		
	Mic	PH . NTS	M a L	MGL	REL L N'S	JTU	PH N S	PH 1/15	,5 - M	15 N
SAMPLES	1	1	1	1	1	1			1	
LOW	67.7	8.0	63	0	5	0.2			132	
HIGH	67.7	8.0	63	0	5	0.2			132	
AVERAGE STD.DEV										
PERCNT:10TH 25TH MEDIAN 50TH										
75TH 90TH										
BACKUP CODES										
	00203L TOTAL DISSOLVED SOLIDS	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10651L RESIDUE FIXED FILTERABLE	06001L CARBON TOTAL ORGANIC	06051L CARBON TOTAL INORGANIC	06101L CARBON DISSOLVED ORGANIC	06201L BICARBONT. (CALCD.)	06301L CARBONATE (CALCD.)
	(CALCD) MG L	MG L	MG L	MG L	MG L	C MG L	C MG L	C MG L	MG L	CO3
SAMPLES LOW									1 77	1 0
HIGH AVERAGE STD.DEV									77	0
PERCNT:10TH 25TH MEDIAN 50TH										
75TH 90TH										
BACKUP CODES										
	36401L	07002L	07105L	07306L	07551L	08401L	09105L	11103L	112011,	12102L
	FREE CO2 (CALCD.)	NITROGEN TOTAL KJELDAHL	NITROGEN DISSOLVED NO3 & NO2	NITROGEN DISSOLVED NITRATE	NITROGEN DISSOLVED AMMONIA	OXYGEN CONSUMED	FLUORIDE DISSOLVED	SODIUM	SODIUM ABSORPTION RATIO	MAGNESIUM DISSOLVED
	CO2	N MG L	N MG L	N MG L	N	02	F	NA NA		MG
		MGT		MG L	MG·L	MG L	MG 'L	MG L	REL UNITS	MG L
SAMPLES	1		1					1	1	
LOW	1.2 1.2		0.01					1.6 1.6	0.08	
AVERAGE STD.DEV	1.2		0.01					1.0	0.08	
PERCNT:10TH 25TH										
MEDIAN 50TH 75TH 90TH										
HA JEUP LODES										

WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION 00YT08AB0002 FOR PERIOD 26/08/73 TO 26/08/73

LAT. 60 ° 18 ' LONG. 137 ° 28 '

MUSH CREEK, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED AL MG/L	14101L SILICA REACTIVE SIO2 MG/L	15413L PHOSPHORUS TOTAL PHOSPHATE P MG/L	15363L PHOSPHORUS DISSOLVED INORG. PO4 P MG/L	15255L PHOSPHORUS DISSOLVED ORTHO PO4 P MG/L	16303L SULPHATE DISSOLVED SO4 MG/L	17203L CHLORIDE DISSOLVED	19103L POTASSIUM DISSOLVED	20103L CALCIUM DISSOLVED CA MG/L	25101L MANGANESE DISSOLVED MN MG-L
SAMPLES LOW HIGH AVERAGE STD.DEV		1 6.3 6.3			1 0.003 0.003	1 9.6 9.6	1 0.3 0.3	1 0.3 0.3	1 20.2 20.2	
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES		05L			56L		061		01L	
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG√L	CU MG/L	ZN MG/L	ZN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	1 L.01 L.01	MG/E	1 0.009 0.009	Marc	1 L.001 L.001	WOL	WO E	1 L.001 L.001	WOZ	1 L.001 L.001
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES										
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	823024 LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG L	PB MG/L	PB MG L	PB
SAMPLES LOW HIGH AVERAGE STD.DEV		1 L.005 L.005			1 L.001 L.001					1 L.001 L.001
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES										

STATION 00YT08AB0003 FOR PERIOD 26 08 73 TO 26 08 73

25TH MEDIAN 50TH 75TH 90TH HALREP CODES

60 ° 19 ' LONG 137 30 '

BEAR CREEK YUKON TERRITORY

SAMPLES LOW HIGH AVERAGE STD.DEV	MARDNESS TOTAL 51.6 51.6	ян 1 7.7 7.7	ALKALINITY TOTAL 1A - 1 WA - 1 46 46	ALKALINITY PHENOL- PHTHALEIN 1 0 0	COLOUR APPARENT REL ONTE 1 L5 L5	! L.1 L.1	SATURATION INDEX	STABILITY IN(SEX	SPECIFIC CONDUCT.	12 LI SPECIFIC CONDUCT
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH BACKUP CODES										
	TOTAL DISSOLVED SOLIDS (CALCD)	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	CARBON TOTAL ORGANIC C	CARBON TOTAL INORGANIC C	CARBON DISSOLVED ORGANIC	MCO3	(CALCD.)
SAMPLES LOW HIGH AVERAGE STD.DEV	MG L	MG L	MCs L	WG L	Mica L	MU L	MG L	MO C	1 56 56	1 0 0
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES										
	CO2	O 1002L NITROGEN TOTAL KJELDAHL	07195L NITROGEN DISSOLVED NO3 & NO2	07306L NITROGEN DISSOLVED NITRATE	07651L NITROGEN DISSOLVED AMMONIA	OXYGEN CONSUMED	09105L FLUORIDE DISSOLVED	SODIUM DISSOLVED	SODIUM ABSORPTION RATIO	MAGNESIUM DISSOLVED
SAMPLES LOW HIGH AVERAGE STD.DEV	1 1.8 1.8		1 0.03 0.03					1 1.1 1.1	1 0.07 0.07	
PERCNT:10TH										

STATION 00YT08AB0003 FOR PERIOD 26/08/73 TO 26/08/73

LAT. 60 ° 19 ' LONG. 137 ° 30 '

BEAR CREEK, YUKON TERRITORY

SAMPLES LOW HIGH	13101L ALUMINUM DISSOLVED AL MG/L	14101L SILICA REACTIVE SIO2 MG/L 1 5.7 5.7	15413L PHOSPHORUS TOTAL PHOSPHATE P MG/L	DISSOLVED	15255L PHOSPHORUS DISSOLVED ORTHO PO4 P MG/L 1 0.007 0.007	SO4 MG/L 1 7.2 7.2	17203L CHLORIDE DISSOLVED CL MG/L 1 0.2 0.2	POTASSIUM DISSOLVED K MG/L 1 0.3 0.3	CALCIUM DISSOLVED CA MG/L 1 16.5 16.5	25101L MANGANESE DISSOLVED MN MG 'L
AVERAGE STD.DEV PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES		05L			56L		06L		01L	
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	ZN MG/L	ZN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV PERCNT:10TH 25TH MEDIAN 50TH	1 L.01 L.01		1 L.005 L.005		1 L.001 L.001			1 0.002 0.002		1 0.002 0.002
75TH 90TH BACKUP CODES										
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG/L -	PB MG/L	PB MG/L	PB MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV		1 L.005 L.005			1 L.001 L.001					1 L.001 L.001
25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES										

WATER QUALITY DATA 1961 1973 (SUMMARY

STATION 00YT08AB0004 FOR PERIOD 26 08 73 TO 26 08 73

LAT 60 ° 15 ' LONG 137 ° 37 '

PLUM CREEK, YUKON TERRITORY

90TH BALKUP CODES

	HARDNESS TOTAL	10301L PH	10101L ALKALINITY TOTAL	10151L ALKALINITY PHENOL- PHTHALEIN	02011L COLOUR APPARENT	02,73L TURBIDITY	CALCO :	STABILITY INDEX	COMPLET	SE THE
	MG L	PH JNITS	(A' ()3 MG -E	CA O3 MG L	REL UNITS	JŤU	PH UNITS	PH UNITS		
SAMPLES LOW HIGH AVERAGE STD.DEV	1 110. 110.	8.2 8.2	1 95 95	1 0 0	1 L5 L5	1 0.5 0.5			1 205 205	
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
	TOTAL DISSOLVED SOLIDS	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	06001L CARBON TOTAL ORGANIC	060510 CARBON TOTAL INORGANIC	CARBON DISSOLVED ORGANIC	BICARBONT. (CALCD.)	CARBONATE (CALCD.)
	(CALCD) MG L	MG/L	MG L	MG L	MG L	MG L	MG L	MG L	MG L	MG L
SAMPLES LOW HIGH AVERAGE STD.DEV									1 116 116	1 0 0
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BALKUP CODES										
	CO2	07002L NITROGEN TOTAL KJELDAHL N	07105L NITROGEN DISSOLVED NO3 & NO2 N	07306L NITROGEN DISSOLVED NITRATE N MG L	07551L NITROGEN DISSOLVED AMMONIA N	08401L OXYGEN CONSUMED	09105L FLUORIDE DISSOLVED	11103L SODIUM DISSOLVED NA MG L	SODIUM ABSORPTION RATIO	12102L MAGNESIUM DISSOLVED
CAMPIEC	MG L	MG L		MG L	MG L	MG L	MG L			MG .
SAMPLES LOW HIGH AVERAGE STD.DEV	1 1.1 1.1		1 L.01 L.01					0.8 0.8	0.03 0.03	
PERCNT:10TH 25TH MEDIAN 50TH 75TH										

STATION 00YT08AB0004 FOR PERIOD 26/08/73 TO 26/08/73

LAT. 60 ° 15 ' LONG. 137 ° 37 '

PLUM CREEK, YUKON TERRITORY

SAMPLES LOW HIGH AVERAGE STD.DEV PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	13101L ALUMINUM DISSOLVED AL MG/L	14101L SILICA REACTIVE SIO2 MG/L 1 4.2 4.2	15413L PHOSPHORUS TOTAL PHOSPHATE P MG/L	15369L PHOSPHORUS DISSOLVED INORG, PO4 P MG/L	15255L PHOSPHORUS DISSOLVED ORTHO PO4 P MG/L 1 0.003 0.003	SOUPHATE DISSOLVED SO4 MG+L 1 17.8 17.8	17203L CHLORIDE DISSOLVED M3 1 0.2 0.2	POTASSIUM DISSOLVED Mail 1 0.2 0.2	CALCIUM DISSOLVED CA MG'L 1 35.1 35.1	25101L MANGANESE DISSOLVED MN MG L
BACKUP CODES		05L			56L		06L		01L	
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	· NI MG/L	CJ M3 L	CU MG L	CU MG/L	ZN MG/L	ZN MG L
SAMPLES LOW HIGH AVERAGE STD.DEV PERCNT:10TH	1 L.01 L.01		1 0.016 0.016		1 L.001 L.001			1 L.001 L.001		1 L.001 L.001
MEDIAN 50TH 75TH 90TH										
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG L	HG UG/L	PB MG/L	PB MG-L	PB M ,
SAMPLES LOW HIGH AVERAGE STD.DEV		1 L.005 L.005			1 L.001 L.001					1 L.001 L.001
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH BACKUP CODES										

STATION 00YT08AB0005 FOR PERIOD 26 08 73 TO 26 08 73

60 18 1 (ONG 137 33 1

	SHAFT CREEK	YUKON TE	RRITORY							
	MARI NE NO	\$10k4	ALKALINITY	ALKAUNITY	t oR	TURBIDITY	SATURATION	√* A ∰. (1 * ¥	11 11	, f , f ,
	I. JAL		TOTAL	PHENOL- PHTHALEIN	AFFARENT		INDEX	INCHE X	' N(((('	N/(Uffi
			A+ (+	A ()			A 1			
		Pic s _q *c,	Mari	1,1		*⊎	Pit ", "		M	on M
SAMPLES		1	1	1		1			1	
LOW	29.7	7.8	30	0	L5	0.3			69	
HIGH	29.7	7.8	30	0	L5	0.3			69	
AVERAGE	20.1		00	· ·	20	0.0			00	
STD.DEV										
310.02										
PERCNT:10TH										
25TH										
MEDIAN 50TH										
75TH										
90TH										
BALKUP CODES										
	J 213L TOTAL	10401L RESIDUE	10501L RESIDUE	10451c RESIDUE	RESIDUE	CARBON	CARBON	CARBON	BICARBONT.	CARBONATE
	DISSOLVED	NONFILTR.	FIXED	FILTERABLE	FIXED	TOTAL	TOTAL	DISSOLVED	(CALCD.)	(CALCD)
	SOLIDS		NONFILTR		FILTERABLE	ORGANIC	INORGANIC	ORGANIC		
	(CALCD)					С			+4 03	
	MGIL	MG L	MG L	MG L	MG L	MG L	MG L	Mac	MIG L	M(s)
SAMPLES									1	1
LOW									37	0
HIGH									37	0
AVERAGE										
STD.DEV										
PERCNT:10TH										
25TH										
MEDIAN 50TH										
75TH										
90TH										
90 I H										
BACKUP LODES										
	Jn431c	37,321	C7105L	(703h.	0°551.	.8401L	091356	11103	11201L	121,21
	FREE CO2	NITROGEN	NITROGEN	NITROGEN	NITROGEN	OXYGEN	FLUORIDE	SODIUM	SODIUM	MAGNESIUM
	(CALCD.)	TOTAL	DISSOLVED	DISSOLVED	DISSOLVED	CONSUMED	DISSOLVED	DISSOLVED	ABSORPTION	DISSOLVED
		KJELDAHL	NO3 & NO2	NITRATE	AMMONIA	0.2	F	5,4	RATIO	
	CO2 MG L	MG L	MG L	MG L	MG L	O2 MG L	MG L	M3 -	REL UNITS	MG -
CAMPLEO										
SAMPLES	1		1					1	1 0 12	
LOW	0.9		L.01					1.6	0.13	
HIGH	0.9		L.01					1.6	0.13	
AVERAGE										
STD.DEV										
PERCNT:10TH										
25TH										

MEDIAN 50TH 75TH

90TH

HOLL SUN AN

STATION 00YT08AB0005 FOR PERIOD 26/08/73 TO 26/08/73 LAT 60 ° 18 ' LONG. 137 ° 33 '

SHAFT CREEK, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED AL MG/L	14101L SILICA REACTIVE SIO2 MG/L	15413L PHOSPHORUS TOTAL PHOSPHATE P MG/L	15363L PHOSPHORUS DISSOLVED INORG, PO4 P MG/L	15255L PHOSPHORUS DISSOLVED ORTHO PO4 P MG/L	16303L SULPHATE DISSOLVED SO4 MG/L	17203L CHLORIDE DISSOLVED	19103L POTASSIUM DISSOLVED	20103L CALCIUM DISSOLVED	25101L MANGANESE DISSOLVED MN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV		1 4.7 4.7	mar z	NO7E	1 L.002 L.002	1 2.6 2.6	1 0.2 0.2	1 0.2 0.2	1 9.0 9.0	Marc
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES		05L			56L		06L		01L	
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MC//	CU	CU	CU	ZN	ZN
SAMPLES	1	MG/L	1	MG/L	MG/L 1	MG/L	MG/L	MG/L 1	MG/L	MG/L
LOW HIGH AVERAGE STD.DEV	L.01 L.01		0.031 0.031		L.001 L.001			L.001 L.001		0.003 0.003
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES										
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG/L	PB MG/L	PB MG/L	PB MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	MG/L	1 L.005 L.005	WG/L	MG/L	1 L.001 L.001	MG/L	0072	WOYL	WOYL	1 0.002 0.002
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES										

STATION 00YT08AB0006 FOR PERIOD 26 08 73 TO 26 08 73

90TH BAL KUP CODES

LAT 60 ° 12 ' LONG 137 ° 39 '

FIELD CREEK YUKON TERRITORY

	HARDNESS TOTAL ALOH MG L	10401L PH PH UNITS	ALKALINITY TOTAL CALOR MG L	ALKALINITY PHENOL- PHTHALEIN CA. C. C. MG. L.	COLOUR APPARENT	TURBIDITY	SATURATION INDEX	STABILITY INDEX	SEE HET CONDUCT .M	SHE IFF
SAMPLES LOW HIGH AVERAGE STD.DEV	99.2 99.2	8.1 8.1	87 87	1 0 0	1 L5 L5	0.2 0.2			1 183 183	
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
	TOTAL DISSOLVED SOLIDS CALCO	13401L RESIDUE NONFILTR.	10531L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	1056.1L RESIDUE FIXED FILTERABLE	CARBON TOTAL ORGANIC	CARBON TOTAL INORGANIC	CARBON DISSOLVED ORGANIC	BICARBONT. (CALCO.)	CARBONATE (CALCO.)
SAMPLES LOW HIGH AVERAGE STD.DEV	MG L	MG L	MG L	MG L	MG L	MG i	Mrs L	More	1 106 106	1 0 0
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES										
	06401L FREE CO2 (CALCD.)	07002L NITROGEN TOTAL KJELDAHL	07105L NITROGEN DISSOLVED NO3 & NO2 N	07306L NITROGEN DISSOLVED NITRATE	C7551L NITROGEN DISSOLVED AMMONIA	.8401 OXYGEN CONSUMED	FLUORIDE DISSOLVED	111030 SODIUM DISSOLVED	SODIUM ABSORPTION RATIO	121 2: MAGNESIUM DISSOLVED
SAMPLES LOW HIGH AVERAGE STD.DEV	1 1.3 1.3	MG L	1 0.01 0.01	MG L	MG L	MG E		1 0.7 0.7	1 0.03 0.03	MG C
PERCNT:10TH 25TH MEDIAN 50TH 75TH										

STATION 00YT08AB0006 FOR PERIOD 26/08/73 TO 26/08/73 LAT. 60 ° 12 ' LONG. 137 ° 39 '

FIELD CREEK, YUKON TERRITORY

SAMPLES LOW HIGH AVERAGE STD.DEV PERCNT:10TH 25TH	13101L ALUMINUM DISSOLVED AL MG/L	14101L SILICA REACTIVE SIO2 MG/L 1 3.6 3.6	15413L PHOSPHORUS TOTAL PHOSPHATE P MG/L	DISSOLVED	15255L PHOSPHORUS DISSOLVED ORTHO PO4 P MG/L 1 0.003 0.003	SULPHATE DISSOLVED SO: MG:L 1 15.4 15.4	CL MG/L 1 0.2 0.2	POTASSIUM DISSOLVED	CALCIUM DISSOLVED CA MG.L 1 32.5 32.5	25101L MANGANESE DISSOLVED MN MG L
MEDIAN 50TH 75TH 90TH BACKUP CODES		05L			56L		,61		01L	
BACKUF CODES		USE			361		702		UIC	
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	ZN MU L	ZN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	1 L.01 L.01		1 0.010 0.010		1 L.001 L.001			1 L.001 L.001		1 L.001 L.001
BACKUP CODES										
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG ′L	AG MG/L	CD MG/I	8A V., _	HG UG/L	PB MG/L	PB MG/L	PB MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV PERCNT:10TH		1 L.005 L.005			1 L.001 L.001					1 L.001 L.001
25TH MEDIAN 50TH 75TH 90TH BACKUP CODES										

WATER QUALITY DATA 1961-1973 (SUMMARY

STATION 00YT08AC0001 FOR PERIOD 13 08 73 TO 13 08 73

LAT 60 ° 6' LONG 137° 25'

SAMPLES LOW HIGH AVERAGE STD.DEV	HARDNESS TOTAL . A O3 . M > 1 . 1 . 60.7 . 60.7	PH . N.TS 1 7.8 7.8	ALKALINITY TOTAL CALOU MG L 1 59 59	ALKALINTY PHENOL- PHTHALEIN CA 03 MG L 1 0 0	CO 111 COLOUR APPARENT REL UNIS 1 L5 L5	1 0.2 0.2	SATURATION INDEX	STABILITY INDEX	12 IIII SPECIFIC CONDUCT: 01 M 1 119 119	2 11 SPECIFIC CONDUCT
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
	TOTAL DISSOLVED SOLIDS	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10561L RESIDUE FIXED FILTERABLE	CARBON TOTAL ORGANIC	06051L CARBON TOTAL INORGANIC	OFFICIAL CARBON DISSOLVED ORGANIC	BICARBONT. (CALCD.)	(CALCD.)
	CALCD) MG L	MG·L	MG·L	MG L	MG L	C MG L	C MG L	MG L	MG L	MG L
SAMPLES LOW HIGH AVERAGE STD.DEV									1 72 72	1 0 0
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES										
	CO2	07002L NITROGEN TOTAL KJELDAHL N	07105L NITROGEN DISSOLVED NO3 & NO2 N	07306L NITROGEN DISSOLVED NITRATE N MG L	07551L NITROGEN DISSOLVED AMMONIA N	08401L OXYGEN CONSUMED	09105L FLUORIDE DISSOLVED	11103L SODIUM DISSOLVED	SODIUM ABSORPTION RATIO REL UNITS	12102. MAGNESIUM DISSOLVED
SAMPLES LOW HIGH AVERAGE STD.DEV	1 1.8 1.8	MOL	1 L.01 L.01	Mist	MGL	MGL	MOL	1 0.9 0.9	1 0.05 0.05	Mo.
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										

WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION 00YT08AC0001 FOR PERIOD 13/08/73 TO 13/08/73

LAT 60 ° 6' LONG. 137° 25'

HIKING CREEK, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED AL MG/L	14101L SILICA REACTIVE SIO2 MG/L	15413L PHOSPHORUS TOTAL PHOSPHATE P MG/L		15255L PHOSPHORUS DISSOLVED ORTHO PO4 P MG/L	16303L SULPHATE DISSOLVED SO4 MG/L	17203L CHLORIDE DISSOLVED	19103L POTASSIUM DISSOLVED	20103L CALCIUM DISSOLVED CA MG L	25101L MANGANESE DISSOLVED MN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV		1 5.4 5.4			1 0.002 0.002	1 4.9 4.9	1 0.2 0.2	1 0.1 0.1	1 20.7 20.7	
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES		05L			56L		06L		01L	
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG≠L	CU MC L	ZN MG/L	ZN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	1 0.01 0.01	more.	1 0.006 0.006		1 L.001 L.001			1 L.001 L.001	Ware	1 L.001 L.001
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES										
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG L	HG UG/L	PB MG 'L	PB MG/L	PB MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV		1 L.005 L.005			1 L.001 L.001					1 L.001 L.001
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH BACKUP CODES										
DACKUP CODES										

WATER QUALITY DATA 1961 1973 STAMMARY.

STATION 00YT09AA0001 FOR PERIOD 05 03 69 TO 30 10 73

LAT 60 8 5" LONG 134 53 45"

1.9

90TH

WHEATON RIVER AT WISIC GAUGE NEAR CARCROSS ABOUT 3 MILES ABOVE MOUTH-YUKON TERRITORY

	HARDNESS TOTAL	PH	ALKALINITY TOTAL	ALKALINITY PHENOL- PHTHALEIN	COLOUR	TURBIDITY	SATURATION	STABILITY	SPECIFIC CONDUCT.	SPECIFIC CONDUCT
	ACO+ MG L	PH UNITS	MG L	MG L	REL UNITS	JTU	PH UNTS	PH INTS	US UM	US CM
SAMPLES	9	9	9	9	9	9	8	8	9	
LOW	28.5	7.4	23	0	L5	0.2	-1.7	8.1	62	
HIGH	88.7	8.2	77	0	10	24.0	0.0	10.8	192	
AVERAGE	52.7	7.8	44	0	6	6.4	-0.8	9.4	113	
STD.DEV	20.7	0.2	19	0	2	8.5	0.6	0.9	48	
PERCNT:10TH	28.5	7.4	23	0 .	L5	0.2			62	
25TH	38.0	7.7	29	0	L5	1.7	-1.1	8.7	73	
MEDIAN 50TH	46.7	7.8	39	0	5	2.2	-1.0	9.7	103	
75TH	61.9	7.9	51	0	5	5.0	-0.4	10.0	141	
90TH	88.7	8.2	77	0	10	24.0			192	
BACKUP CODES										
	TOTAL DISSOLVED SOLIDS (CALCO)	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	06801L CARBON TOTAL ORGANIC	26051L CARBON TOTAL INORGANIC	OGICIL CARBON DISSOLVED ORGANIC	BICARBONT. (CALCD.)	CARBONATE (CALCO.)
	MG L	MG L	MG L	MG L	MG L	MG L	MG L	MG L	MG L	MG L
SAMPLES	8	2	2	2	2	2	2		9	9
LOW	31	20	18	59	51	2.0	6.0		28	0
HIGH	102	54	52	122	86	41.0	14.0		93	0
AVERAGE	57	37	35	91	69	21.5	10.0		53	0
STD.DEV	26	24	24	45	25	27.6	5.7		23	0
PERCNT:10TH									28	0
25TH	38								35	0
MEDIAN 50TH	49	37	35	91	69	21.5	10.0		47	0
75TH 90TH	76								63 93	0
BACKUP CODES										
	06401L FREE CO2 (CALCD.)	07002L NITROGEN TOTAL KJELDAHL	07135L NITROGEN DISSOLVED NO3 & NO2	07306L NITROGEN DISSOLVED NITRATE	07551L NITROGEN DISSOLVED AMMONIA	08401L OXYGEN CONSUMED	09105L FLUORIDE DISSOLVED	11103L SODIUM DISSOLVED	SODIUM ABSORPTION RATIO	121.22L MAGNESIUM DISSOLVED
	CO2 MG L	MG L	N MG L	MG L	N MG L	O2 MG L	F MG L	MG L	REL JN TS	MG L
SAMPLES	9		7		4	2	6	9	9	
LOW	0.7		0.010		L.1	0.6	0.18	1.1	0.08	
HIGH	1.9		0.090		L.1	0.7	0.23	3.4	0.19	
AVERAGE	1.3		0.040			0.7	0.20	1.9	0.11	
STD.DEV	0.5		0.031			0.1	0.02	0.8	0.03	
PERCNT:10TH	0.7							1.1	0.08	
25TH	0.8		0.011		L.1		0.19	1.4	0.09	
MEDIAN 50TH	1.3		0.029		L.1	0.7	0.20	1.5	0.11	
75TH	1.8		0.061		L.1		0.21	2.5	0.12	
0.0000	4.0								0.10	

3.4

0.19

WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION 00YT09AA0001 FOR PERIOD 05/03/69 TO 30/10/73

LAT. 60° 8' 5" LONG. 134° 53' 45"

WHEATON RIVER AT W.S.C. GAUGE NEAR CARCROSS ABOUT 3 MILES ABOVE MOUTH, YUKON TERRITORY

	13101L	14101L	15413L	15363L	15255L	16303L	17203L	19103L	20103L	25101L
	DISSOLVED	SILICA REACTIVE	PHOSPHORUS TOTAL PHOSPHATE	PHOSPHORUS DISSOLVED INORG. PO4	PHOSPHORUS DISSOLVED ORTHO PO4	SULPHATE	CHLORIDE	POTASSIUM	CALCIUM	MANGANESE DISSOLVED
	AL MG/L	SIO2 MG/L	P MG/L	P MG/L	P MG/L	SO4 MG/L	CL MG/L	K MG/L	CA MG/L	MN MG·L
SAMPLES		8		4	4	9	9	9	9	4
LOW		3.1		L.001	L.002	5.0	0.1	0.4	8.0	L.01
HIGH		7.4		0.013	L.002	18.6	2.4	0.8	31.1	0.020
AVERAGE		5.5		0.006		10.0	0.4	0.6	17.4	0.015
STD.DEV		1.3		0.006		4.5	0.7	0.1	7.5	0.006
PERCNT:10TH 25TH		4.8		L.001	L.002	5.0 7.3	0.1 0.2	0.4 0.5	8.0	L.01
MEDIAN 50TH		5.7		0.006	L.002	9.0	0.2	0.5 0.6	11.4 16.2	0.02
75TH		6.2		0.012	L.002	11.5	0.2	0.7	20.2	0.02
90TH						18.6	2.4	0.8	31.1	
BACKUP CODES		02L		64L	57L		06L		01L	04L
	25304P MANGANESE	26102L IRON	26305P IRON	27302P COBALT	28302P NICKEL	29105L COPPER	29305L COPPER	29305P COPPER	30105L ZINC	30305L ZINC
	EXTRBLE.	DISSOLVED	EXTRBLE.	EXTRBLE.	EXTRBLE.	DISSOLVED	EXTRBLE.	EXTRBLE.	DISSOLVED	EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	ZN MG/L	ZN MG/L
SAMPLES	2	6				2	2		2	2
LOW	L.01	L.001				L.001	L.01		L.001	L.01
HIGH	L.01	0.120				L.001	L.01		0.001	L.01
AVERAGE STD.DEV		0.034 0.045							0.001 0.000	
		0.043							0.000	
PERCNT:10TH 25TH		L.001								
MEDIAN 50TH	L.01	0.020				L.001	L.01		0.001	L.01
75TH		0.040								
90TH										
BACKUP CODES	04L						06L			04L
	30305P	33103L	42302P	47301P	48302P	56301P	80311P	82103L	82302L	82302P
	ZINC EXTRBLE.	ARSENIC DISSOLVED	MOLYBDENUM EXTRBLE.	SILVER EXTRBLE.	CADMIUM EXTRBLE.	BARIUM EXTRBLE.	MERCURY EXTRBLE.	LEAD DISSOLVED	LEAD EXTRBLE.	LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG/L	. PB MG/L	PB MG/L	PB MG/L
SAMPLES								2	2	
LOW								L.001	L.01	
HIGH								L.001	L.01	
AVERAGE										
STD.DEV										
PERCNT:10TH										
25TH								L.001	L.01	
MEDIAN 50TH 75TH								L00 I	L.0 I	
90TH										
									01L	
BACKUP CODES									UIL	

STATION 00YT09AA0002 FOR PERIOD 27 08 70 TO 13 09 73

LAT 60 8 40 LONG 134 43 6"

TANK CREEK NEAR CARCROSS ABOUT 0.25 MILE DOWNSTREAM OF ABANDYINED ARTH.
GOLD AND SILVER MINE TAILINGS POND YUKON TERRITORY

	HARDNESS TOTAL	РН	ALKALINITY TOTAL	ALKALINITY PHENOL-	COLOUR APPARENT	TURBIDITY	SATURATION INDEX	NTABILITY	CONDUCT.	CONDUCT
	, A () (CACOR	PHTHALEIN				Α		
		PH UNTS	MG L	MG L	REL SNTS	JTU		PH 14.75	(M	Us U
SAMPLES	4	6	6	6	6	6	4	3	6	
LOW	18.9	7.1	15	0	10	0.4	-2.2	10.7	39	
	26.3	7.7	25	0	55	2.3	-1.5	11.7	76	
HIGH	22.9	7.4	21	0	26	1.0	-1.8	11.1	55	
AVERAGE			4	0	17	0.7		0.5		
STD.DEV	3 1	0.2	4	U	17	0.7	0.4	0.5	14	
PERCNT:10TH										
25TH	20 8	7.3	17	0	13	0.6			42	
MEDIAN 50TH	23.2	7.4	22	0	23	0.8	-1.8	10.9	55	
75TH	25 1	7.7	23	0	30	1.1			61	
90TH										
BACKUP CODES										
	J 213. TOTAL DISSOLVED SOLIDS	104011 RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	060016 CARBON TOTAL ORGANIC	CARBON TOTAL INORGANIC	CARBON DISSOLVED ORGANIC	BICARBONT. (CALCD.)	CARBONATE (CALCD.)
	302103		NONFIL IT.		FILTERADEL	C	C	C	HCO3	
	MG L		MG L	MG L	MG L	MG L	MGIL	MG L	MG L	MG
SAMPLES	3					3	2	1	6	6
LOW	20					2.5	3.0	2.5	18	0
HIGH	28					12.0	4.0	2.5	31	0
AVERAGE	24					6.8	3.5	2.0	25	0
STD.DEV	4					4.8	0.7		5	0
PERCNT:10TH										
25TH									21	0
MEDIAN 50TH	25					6.0	3.5		27	0
75TH	25					0.0	0.0		28	0
90TH									20	0
90111										
BACKUP CODES										
	In401L FREE CO2	07032t NITROGEN	97105L NITROGEN	07306L NITROGEN	07551L NITROGEN	084010 OXYGEN	FLUORIDE	11103L SOĐIUM	11201L SODIUM	121.2. MAGNESIUM
	(CALCD.)	TOTAL	DISSOLVED NO3 & NO2	DISSOLVED	DISSOLVED	CONSUMED	DISSOLVED	DISSOLVED	ABSORPTION RATIO	DISSOLVED
	CO2	KJELDANIC	NOS & NOZ	N	N	02		NA	, and	MG
	MG L	MG L	MG L	MG L	MG L	MG L	1.1	MG L	REL UNITS	MG L
SAMPLES	6		3				1	3	3	2
LOW	0.9		L.001				0.18	1.0	0.08	1.9
HIGH	2.6		L.005				0.18	1.6	0.14	2.6
AVERAGE	1.6		2.000				0.10	1.2	0.11	2.3
STD.DEV	0.7							0.3	0.03	0.5
PERCNT:10TH										
25TH	1 0									
	1.4		L.001					1.1	0.10	0.0
MEDIAN 50TH	2.0		L.001					1.1	0.10	2.3
75TH 90TH	20									

WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION 00YT09AA0002 FOR PERIOD 27/08/70 TO 13/09/73 LAT. 60 ° 8 ' 40 " LONG. 134 ° 43 ' 6 "

TANK CREEK NEAR CARCROSS ABOUT 0.25 MILE DOWNSTREAM OF ABANDONED ARCTIC GOLD AND SILVER MINE TAILINGS POND, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED AL MG/L	14101L SILICA REACTIVE SIO2 MG/L	15413L PHOSPHORUS TOTAL PHOSPHATE P MG/L	15363L PHOSPHORUS DISSOLVED INORG. PO4 P MG/L	15255L PHOSPHORUS DISSOLVED ORTHO PO4 P MG/L	16303L SULPHATE DISSOLVED	17203L CHLORIDE DISSOLVED	19103L POTASSIUM DISSOLVED	20103L CALCIUM DISSOLVED	25101L MANGANESE DISSOLVED
SAMPLES LOW HIGH AVERAGE STD.DEV	MG/L	3 5.9 6.9 6.5 0.6	MG/L	2 L.001 0.007 0.004 0.004	2 L.002 0.007 0.004 0.004	6 L1.0 4.7 2.4 1.6	3 0.2 1.4 0.8 0.6	3 0.2 0.8 0.5	3 4.90 8.00 6.60 1.57	2 L.01 L.01
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH		6.8		0.004	0.005	L1.0 2.2 3.5	0.7	0.6	6.9	L.01
BACKUP CODES		02L							01L	04P 04L
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	ZN MG/L	ZN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	5 L.01 0.01 0.01 0.00	2 0.09 0.29 0.19 0.14	5 0.21 0.48 0.31 0.11		1 L.01 L.01	2 L.01 L.01	1 Ł.01 Ł.01	5 L.001 L.01	2 L.01 L.01	
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	L.01 L.01 L.01	0.19	0.220 0.29 0.36			L.01		L.001 L.001 L.01	L.01	
BACKUP CODES		04P 04L	04P 02L		01P	06L 06P	06L	06P	04P 04L	
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG/L	PB MG/L	PB MG/L	PB MG L
SAMPLES LOW HIGH AVERAGE STD.DEV	5 L.001 L.01	4 0.007 0.010 0.008 0.002		2 L.01 L.01				2 L.05 L.05		5 L.001 L.01 0.00 0.00
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	L.001 L.001 L.01	0.007 0.008 0.010		L.01				L .05		L.001 0.001 L.01
BACKUP CODES	04P							01L 01P		01P

STATION 00YT09AA0003 FOR PERIOD 25 07 73 TO 25 07 73

LAT 60 ° 7 ' 20 " LONG 134 ° 42 ' 26 "

CREEK ENTERING SWAMP AT SOUTH END ARCTIC GOLD & SIVLER MINES CARCROSS YUKON TERRITORY

	HARDNESS TOTAL	11 / 1L PH	ALKALINITY TOTAL	ALKALINITY PHENOL- PHTHALEIN (.A. (.)3	COLOUR APPARENT	TURBIDITY	SATURATION INDEX	STABILITY INDEX	SPECIFIC CONDUCT.	SPECIFIC CONDUCT
	MG L	PH JNITS	MG L	MGL	REL UNITS	JTU	PH . N. TS	PH JATS	U'i M	US 1,0
SAMPLES LOW HIGH AVERAGE STD.DEV	1 24.4 24.4	7.2 7.2	1 23 23	1 0 0	1 20 20	0.3 0.3			50 50	
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES										
	OV 203L TOTAL DISSOLVED SOLIDS	10401L RESIDUE NONFILTR	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	06001L CARBON TOTAL ORGANIC	06051L CARBON TOTAL INORGANIC	ORIGINAL CARBON DISSOLVED ORGANIC	CH201L BICARBONT. (CALCD.)	CARBONATE (CALCD.)

TOTAL DISSOLVED SOLIDS (CALCD.)	10401L RESIDUE NONFILTE	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10561L RESIDUE FIXED FILTERABLE	CARBON TOTAL ORGANIC	CARBON TOTAL INORGANIC	CARBON DISSOLVED ORGANIC	06211L BICARBONT. (CALCD.)	CARBONATE (CALCD.)
MGTL	MG L	MG L	MG L	MG L	MG L	MG L	MGL	MG L	MG .
								28	0

LOW HIGH AVERAGE STD.DEV

SAMPLES

PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH

BACKUP CODES

76401L FREE CO2 (CALCD.)	07002L NITROGEN TOTAL KJELDAHL	07105L NITROGEN DISSOLVED NO3 & NO2	07306L NITROGEN DISSOLVED NITRATE	07551L NITROGEN DISSOLVED AMMONIA	08401L OXYGEN CONSUMED	09105L FLUORIDE DISSOLVED	SODIUM DISSOLVED	SODIUM ABSORPTION RATIO	MAGNESIUM DISSOLVED
CO2	N	N	N	N	02	F	NA	,	MG
MG L	MG L	MG L	MG L	MG L	MG L	MG L	MG L	REL UNITS	MG C

SAMPLES LOW HIGH AVERAGE STD.DEV

2.8

2.8

PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH

BA BUP CODES

STATION 00YT09AA0003 FOR PERIOD 25/07/73 TO 25/07/73

LAT. 60° 7' 20" LONG. 134° 42' 26"

CREEK ENTERING SWAMP AT SOUTH END, ARCTIC GOLD & SIVLER MINES, CARCROSS, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED AL MG/L	14101L SILICA REACTIVE SIO2 MG/L	15413L PHOSPHORUS TOTAL PHOSPHATE P MG/L	15363L PHOSPHORUS DISSOLVED INORG. PO4 P MG/L	15255L PHOSPHORUS DISSOLVED ORTHO PO4 P MG/L	16303L SULPHATE DISSOLVED SO4 MG/L	17203L CHLORIDE DISSOLVED CL MG/L	19103L POTASSIUM DISSOLVED K MG/L	20103L CALCIUM DISSOLVED	25101L MANGANESE DISSOLVED MN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV						1 1.7 1.7				
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES										
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE,	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	ZN MG/L	ZN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	1 L.01 L.01		1 0.06 0.06					1 L.001 L.001		
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES			04P							
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG/L	PB MG/L	PB MG L	PB MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	1 L.001 L.001	1 0.006 0.006								1 L.001 L.001
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES										

STATION 00YT09AA0006 FOR PERIOD 16 10 70 TO 16 10 70

LAT 60 4 ' 52 " LONG 133 S 51 ' 30 "

LUBBOCK RIVER NEAR ATLIN, YUKON TERRITORY

	HARDNESS TOTAL	10301L PH	10101L ALKALINITY TOTAL	10151L ALKALINITY PHENOL- PHTHALEIN	COLOUR APPARENT	0217% TURBIOITY	SATURATION	STABILITY INDEX	SPECIFIC CONDUCT.	SPECIFIC CONDUCT
	AL OR Mile L	PH UNITS	CATOR MG L	MG L	REL UNITS	JTU	' A(',D +	AL I I	US M	Up M
SAMPLES LOW HIGH AVERAGE STD.DEV	1 59.3 59.3	8.1 8.1	1 57 57	1 0 0	1 5 5	1 3.4 3.4	1 -0.4 -0.4	1 8.9 8.9	1 309 309	
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
DHE KUP CUDE.	.203L TOTAL DISSOLVED SOLIDS CALCD)	10401L RESIDUE NONFILTR	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	OGOLIL CARBON TOTAL ORGANIC C	CARBON TOTAL INORGANIC	CARBON DISSOLVED ORGANIC	GA2N1L BICARBONT. (CALCD.)	CARBONATE (CALCO.)
SAMPLES LOW HIGH AVERAGE STD.DEV	1 76 76	MG L 1 8 8	MG L 1 7 7	MG L	MG L	MG C	MG L	M3 L	1 70 70	MG 2 1 0 0
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES										
	6401L FREE CO2 (CALCD.)	07/002L NITROGEN TOTAL KJELDAHL N	07105L NITROGEN DISSOLVED NO3 & NO2 N MG L	07936L NITROGEN DISSOLVED NITRATE N MG L	07551L NITROGEN DISSOLVED AMMONIA N	08401L OXYGEN CONSUMED O2 MG L	291252 FLUORIDE DISSOLVED	11103L SODIUM DISSOLVED NA MG L	SODIUM ABSORPTION RATIO	121,/25 MAGNESIUM DISSOLVED MG MG 5
SAMPLES LOW HIGH AVERAGE STD.DEV	1 0.9 0.9		1 0.011 0.011		1 L.1 L.1		1 0.16 0.16	1 3.9 3.9	1 0.22 0.22	

HA FUE CITY

PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH

STATION 00YT09AA0006 FOR PERIOD 16/10/70 TO 16/10/70

LAT. 60° 4' 52" LONG. 133° 51' 30"

LUBBOCK RIVER NEAR ATLIN, YUKON TERRITORY

SAMPLES LOW HIGH AVERAGE STD.DEV PERCNT:10TH 25TH MEDIAN 50TH 75TH	13101L ALUMINUM DISSOLVED AL MG/L	14101L SILICA REACTIVE SIO2 MG/L 1 8.0 8.0	15413L PHOSPHORUS TOTAL PHOSPHATE P MG/L	15363L PHOSPHORUS DISSOLVED INORG. PO4 P MG/L	15255L PHOSPHORUS DISSOLVED ORTHO PO4 P MG/L 1 L.002 L.002	16303L SULPHATE DISSOLVED SO4 MG/L 1 15.8 15.8	17203L CHLORIDE DISSOLVED CL MG/L 1 0.4 0.4	POTASSIUM DISSOLVED K MG/L 1 1.4 1.4	CALCIUM DISSOLVED CA MG L 1 14.8 14.8	25101L MANGANESE DISSOLVED MN MG L
90TH BACKUP CODES		02L			57L				.1.	
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	ZN MG/L	ZN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	1 Ł.01 Ł.01	1 L.001 L.001					1 L.01 L.01			1 L.01 L.01
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES	04L						06L			4.
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
SAMPLES LOW HIGH AVERAGE STD.DEV	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG/L	PB MG/L	PB MG L 1 L.01 L.01	PB MG∞L
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES									01L	

STATION 00YT09AA0007 FOR PERIOD 05 10 70 TO 02 12 70

LAT 60 ° 17 ' 32 " LONG 134 ° 18 ' 0 "

TAGISH CREEK NEAR CARCROSS, YUKON TERRITORY

	HARDNESS	PH	ALKALINITY	10111L ALKALINITY	COLOUR	TURBUTTY	SATURATION	STABILITY	P. ET. SPECIFIC	SPECIFIC
	TOTAL		TOTAL	PHENOL-	APPARENT		INDEX	INDEX	CONDUCT	CONDUCT
	F. F. S. L.	PH LINITS	Ar OB MG E	CAL OR	RE. JATS	ודט	PH NTS	PHONETS	ur M	or M
0.4.4										
SAMPLES	3	3	3	2	3	3	3	3	3	
LOW	184.	8.2	175	0	L5	1.0	0.7	6.4	351	
HIGH	190.	8.4	187	1	8	8.0	1.0	6.7	391	
AVERAGE	187.	8.3	182	1	6	3.4	0.9	6.6	373	
STD.DEV	3.	0.1	6	1	2	4.0	0.2	0.2	20	
PERCNT:10TH										
25TH										
MEDIAN 50TH	186.	8.4	185	1	5	1.2	0.9	6.6	377	
75TH										
90TH										
BALKUP CODES										
	5.203L	10401L	10501L	10451L	105511	065011		66131L	062 1.	
	TOTAL	RESIDUE	RESIDUE	RESIDUE	RESIDUE	CARBON	CARBON	CARBON	BICARBONT.	CARBONATE
	DISSOLVED	NONFILTR.	FIXED	FILTERABLE		TOTAL	TOTAL	DISSOLVED	(CALCO.)	(CALCO.)
	SOLIDS		NONFILTR.		FILTERABLE	ORGANIC	INORGANIC	ORGANIC		
	(CALCD) MG L	MG L	MG L	MG L	MG L	C MG L	C MG L	C MG L	MG L	00 / Vis t
		MG L	MG L	MG L	MG L		MO L			
SAMPLES	3								2	2
LOW	184								223	0
HIGH	194								228	1
AVERAGE	189								226	1
STD.DEV	5								4	1
PERCNT:10TH										
25TH										
MEDIAN 50TH	190								226	1
75TH										
90TH										
BACKUP CODES										
	36401L	07002L	07105L	07306L	07551L	08401L	09195L	11103L	11201L	12:12:
	FREE CO2	NITROGEN	NITROGEN	NITROGEN	NITROGEN	OXYGEN	FLUORIDE	SODIUM	SODIUM	MAUNESIUM
	(CALCD.)	TOTAL	DISSOLVED	DISSOLVED	DISSOLVED	CONSUMED	DISSOLVED	DISSOLVED		DISSOLVED
	CO2	KJELDAHL N	NO3 & NO2 N	NITRATE N	AMMONIA N	02	F	NA	RATIO	
	MG L	MG L	MG L	MG L	MG L	MG L	MG L	MS L	REC UNITS	
SAMPLES	3		3		2		2	3	3	
LOW	1.3		L.005		L.1		0.07	4.1	0.13	
HIGH	2.2		0.040		0.1		0.08	4.4	0.14	
AVERAGE	1.6		0.025		0.1		0.08	4.2	0.13	
STD.DEV	0.5		0.018		0.0		0.01	0.2	0.01	
PERCNT:10TH										
25TH										
MEDIAN 50TH	1.4		0.030		0.1		0.08	4.2	0.13	
75TH										
90TH										
DIA & ID MODES										

STATION 00YT09AA0007 FOR PERIOD 05/10/70 TO 02/12/70

LAT. 60 ° 17 ' 32 " LONG. 134 ° 18 ' 0 "

TAGISH CREEK NEAR CARCROSS, YUKON TERRITORY

	13101L ALUMINUM	14101L SILICA	15413L	15363L	15255L	16303L	17203L	19103L	20103L	25101L
	DISSOLVED	REACTIVE	PHOSPHORUS TOTAL PHOSPHATE	DISSOLVED INORG. PO4	DISSOLVED ORTHO PO4	SULPHATE	DISSOLVED	POTASSIUM DISSOLVED	DISSOLVED	MANGANESE DISSOLVED
	AL MG/L	SIO2 MG/L	P MG/L	P MG/L	P MG/L	SO4 MG/L	CL MG/L	K MG/L	CA MG/L	MN MG/L
SAMPLES		3		2	1	3	3	3	3	2
LOW		12.2		L.001	L.002	5.5	0.2	1.1	57.6	L.01
HIGH AVERAGE		12.9 12.6		L.001	L.002	6.2 5.8	0.4 0.3	1.3 1.2	59.2 58.5	L.01
STD.DEV		0.4				0.4	0.1	0.1	0.8	
PERCNT:10TH 25TH										
MEDIAN 50TH		12.8		L.001		5.7	0.3	1.2	58.8	L.01
75TH										
90TH										
BACKUP CODES		02L			57L				01L	04L
	25304P	26102L	26305P	27302P	28302P	29105L	29305L	29305P	30105L	30305L
	MANGANESE EXTRBLE.	IRON DISSOLVED	IRON EXTRBLE.	COBALT EXTRBLE.	NICKEL EXTRBLE.	COPPER DISSOLVED	COPPER EXTRBLE.	COPPER EXTRBLE.	ZINC DISSOLVED	ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	ZN MG/L	ZN MG/L
SAMPLES	1	3	WIGITE	WIG/L	WG/L	2	1	MG. L	2	1
LOW	L.01	L.001				0.001	L.01		0.002	L.01
HIGH	L.01	0.020				0.004	L.01		0.009	L.01
AVERAGE		0.010				0.003			0.006	
STD.DEV		0.010				0.002			0.005	
PERCNT:10TH 25TH										
MEDIAN 50TH		0.010				0.003			0.006	
75TH										
90TH										
BACKUP CODES	04L						06L			
	30305P	33103L	42302P	47301P	48302P	56301P	80311P	82103L	82302l	82302P
	ZINC EXTRBLE.	ARSENIC DISSOLVED	MOLYBDENUM EXTRBLE.	SILVER EXTRBLE.	CADMIUM EXTRBLE.	BARIUM EXTRBLE.	MERCURY EXTRBLE.	LEAD DISSOLVED	LEAD EXTRBLE.	LEAD EXTRBLE.
	ZN	AS	MO	AG	CD	BA	HG UG/L	PB MG/L	PB MG/L	PB MG L
0	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	00/L	2	1	W.G. L
SAMPLES LOW								L.001	L.01	
HIGH								L.001	L.01	
AVERAGE STD.DEV										
PERCNT:10TH										
25TH								L.001		
MEDIAN 50TH 75TH								L00 1		
90TH										
BACKUP CODES										

STATION 00YT09AB0001 FOR PERIOD 27 08 61 TO 11 09 73

FA MUM ODES

LAT 60 ° 42 ' 50 " LONG 135 ° 2 ' 35 "

YUKON RIVER AT WISIC GAUGE AT WHITEHORSE YUKON TERRITORY

82 8.2 10.1 9.5 0.4 9.1 9.3 9.6 9.8 9.9	93 76 190 102 17 91 94 99 103 112	12 60 SPECIFIC CONDUCT 1 105 105
82 8.2 10.1 9.5 0.4 9.1 9.3 9.6 9.8 9.9	93 76 190 102 17 91 94 99 103 112	1 105 105
82 8.2 10.1 9.5 0.4 9.1 9.3 9.6 9.8 9.9	93 76 190 102 17 91 94 99 103 112	1 105 105
8.2 10.1 9.5 0.4 9.1 9.3 9.6 9.8 9.9	76 190 102 17 91 94 99 103 112	105 105
10.1 9.5 0.4 9.1 9.3 9.6 9.8 9.9	190 102 17 91 94 99 103 112	105
9.5 0.4 9.1 9.3 9.6 9.8 9.9	102 17 91 94 99 103 112	
0.4 9.1 9.3 9.6 9.8 9.9	17 91 94 99 103 112	24.1
9.1 9.3 9.6 9.8 9.9	91 94 99 103 112	See A
9.3 9.6 9.8 9.9	94 99 103 112	the t
9.6 9.8 9.9	99 103 112	66.1
9.8 9.9 CARBON DISSOLVED	103 112	'h
9.9 ORITE CARBON DISSOLVED	112	764.1
CARBON DISSOLVED	0n2.11c	76.4.1
CARBON DISSOLVED		'6+ 1
CARBON DISSOLVED		76.4.1
ORGANIC		CARBONATE (CALCD.)
С	HCO3	
MG L	MG L	MG L
	91	91
	45	0
	104	0
	52	0
	9	0
	40	0
		0
		0
		0
		0
	29	0
SODIUM DISSOLVED	SODIUM ABSORPTION RATIO	12112. MAGNESIUM DISSOLVED
NA	1	MG
		MG.
90	87	47
0.7	0.05	1.3
3.2	0.20	15.2
1.2	0.08	3.1
0.3	0.02	2.0
0.9	0.06	2.0
		2.4
		2.9
		3.2
		3.6
	SODIUM DISSOLVED NA MG L 90 0.7 3.2 1.2	C H603 MG L 91 45 104 52 9 46 48 50 53 59 11103L SODIUM ABSORPTION RATIO NA HEL UN'S 90 87 0.7 0.05 3.2 0.20 1.2 0.08 0.3 0.02 0.9 0.06 1.0 0.06 1.1 0.07 1.3 0.08

WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION 00YT09AB0001 FOR PERIOD 27/08/61 TO 11/09/73

LAT. 60 ° 42 ' 50 " LONG. 135 ° 2 ' 35 "

YUKON RIVER AT W.S.C. GAUGE AT WHITEHORSE, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED	14101L SILICA REACTIVE	15413L PHOSPHORUS TOTAL PHOSPHATE	DISSOLVED INORG. PO4	ORTHO PO4	16303L SULPHATE DISSOLVED	17203L CHLORIDE DISSOLVED	19103L POTASSIUM DISSOLVED	20103L CALCIUM DISSOLVED	25101L MANGANESE DISSOLVED
	AL MG L	MC =	P MG/L	P MG/L	P MG/L	% . I	M	٧	CA MG L	MN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	17 L.01 0.06 0.02 0.01	88 1.30 6.80 3.43 0.98	21 L.005 0.130 0.014 0.028	18 L.001 0.033 0.004 0.008	17 L.002 0.003 0.002 0.000	92 3.4 16.7 6.9	90 L.1 4.1 0.4 0.4	89 0.4 1.7 0.7 0.2	93 12.1 28.4 14.7 2.5	32 L.010 L.010
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	L.01 L.01 0.01 0.01 0.03	2.70 2.9 3.2 3.5 4.80	L.005 L.005 L.005 0.007 0.016	L.001 L.001 L.002 0.003 0.013	L.002 L.002 L.002 L.002 L.002	5.7 6.2 6.6 7.2 7.7	0.1 0.2 0.3 0.4 0.6	0.6 0.6 0.7 0.8 0.9	12.8 13.3 14.1 15.2 16.1	L.010 L.010 L.01 L.010 L.010
BACKUP CODES		02L 05L	06L	64L	59L 57L		01L 02L 06L	01L 02L	02L 01L	4.
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MC/L	MC: L	FE MG/L	CO MG/L	NI MG/L	CU MG L	CU MG-L	CU MG/L	ZN MG/L	ZN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	9 L.01 0.01 0.01 0.00	33 L.001 L.05 0.01	2 0.10 0.16 0.13 0.04	1 L.001 L.001	2 L.001 L.01	12 L.001 L.01 0.01	5 L.01 L.01	2 L.001 L.01	11 0.003 0.019 0.009 0.004	7 L.01 L.01
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	L.01 L.01 L.01 L.01	L.001 L.001 0.002 0.010 0.020	0.13		L.01	0.001 0.002 0.003 L.01 L.01	L.01 L.01 L.01	Ł.01	0.004 0.007 L.01 L.01 L.01	L.01 L.01 L.01
BACKUP CODES	03L 04L	01L 04L	04P		01P	06L	06L	06P	04⊾	01L 04L
	30305P ZINC EXTRBLE. .'N MG L	33103L ARSENIC DISSOLVED AS MG/L	42302P MOLYBDENUM EXTRBLE. MO MG/L	47301P SILVER EXTRBLE. AG MG/L	48302P CADMIUM EXTRBLE. CD MG/L	56301P BARIUM EXTRBLE. BA MG·L	80311P MERCURY EXTRBLE. HG UG/L	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE. PB MG/L
SAMPLES	2	1	1	1	1	1	1	13	4	2
LOW HIGH AVERAGE STD.DEV	0.005 L.01 0.01 0.00	L.005 L.005	0.0015 0.0015	L.01 L.01	L.001 L.001	0.4	L.05 L.05	L.001 L.05	L.01 L.01	L.001 L.01
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	L.01							L.001 L.001 L.001 L.05 L.05	L.01 L.01 L.01	L.01
BACKUP CODES	04P								01L	01P

WATER QUALITY DATA 1961 1972 SUMMARY

13631 103011 101011 101511 020111 02731 0/2101 022111 022111 022111

STATION 00YT09AB0002 FOR PERIOD 19 06 69 TO 08 11 73

LAT 60 ° 36 ' 45 " LONG 134 ° 27 ' 27 "

MICLINTOCK RIVER AT WISIC GAUGE NEAR WHITEHORSE YUKON TERRITORY

	HARDNESS	PH	ALKALINITY	ALKALINITY PHENOL- PHTHALEIN	COLOUR	TURBIDITY	SATURATION	STABILITY	SPECIFIC CONDUCT.	SPECIFIC CONDUCT
	0.3 M = L	PH ,NTS	CA O3 MG E	MG L	REL UNITS	JTU	PH 11 TS	PH 21 TS	ur "M	JS W
SAMPLES	10	10	10	9	10	10	7	7	10	1
LOW	70.4	7.8	61	0	5	3.5	-0.3	7.5	131	160
HIGH	137.	8.4	135	1	100	110.	0.2	8.6	273	160
AVERAGE	91.	8.0	86	0	29	32.	-0.1	8.1	178	
STD.DEV	22.	0.2	24	0	31	37.	0.2	0.4	44	
PERCNT:10TH	71.3	7.8	64	0	5	3.6			134	
25TH	72.1	8.0	67	0	10	4.2	-0.2	7.7	141	
MEDIAN 50TH	87.0	8.0	79	0	20	16.0	-0.2	8.3	172	
75TH	96.0	8.1	94	0	30	51.0	0.2	8.4	190	
90TH	128.	8.3	125	1	85	94.			249	
BACKUP CODES										
	TOTAL DISSOLVED SOLIDS	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	06001L CARBON TOTAL ORGANIC	CARBON TOTAL INORGANIC	CARBON DISSOLVED ORGANIC	06201L BICARBONT. (CALCD.)	CARBONATE (CALCO.)
	CALCD)					С			HCO3	CO :
	MG L	MG/L	MG L	MG L	MG L	MG L	MG L	MG L	MG L	MG .
SAMPLES	7	9	9			4	4		9	9
LOW	73	4	1			9.0	11.1		81	0
HIGH	144	364	345			19.0	14.0		165	1
AVERAGE STD.DEV	92 26	98 121	90 116			13.5 4.5	12.8 1.2		108 28	0
	20					4.0	1.6			
PERCNT:10TH		4	1						81	0
25TH	74	22	20			9.9	12.1		90	0
MEDIAN 50TH	79	47	38			12.9	13.0		97	0
75TH 90TH	102	117 364	110 345			17.0	13.5		112 165	0
90111		304	343						100	'
BACKUP CODES										
	FREE CO2 (CALCD.)	07002L NITROGEN TOTAL KJELDAHL	07105L NITROGEN DISSOLVED NO3 & NO2	07306L NITROGEN DISSOLVED NITRATE	07551L NITROGEN DISSOLVED AMMONIA	08401L OXYGEN CONSUMED	09105L FLUORIDE DISSOLVED	SODIUM DISSOLVED	SODIUM ABSORPTION RATIO	MAGNESIUM DISSOLVED
	CO2 MG L	N MG L	N MG L	MG L	N MG L	O2 MG L	F MG L	MG L	REL UNITS	MG L
SAMPLES	10	1	7	19107 6	4		8	10	10	1
LOW	0.7	L.5	L.001		L.1		L.05	1.3	0.07	4.6
HIGH	4.1	L.5	0.072		L.1		0.05	3.2	0.12	4.6
AVERAGE	1.6		0.016				0.05	2.0	0.09	
STD.DEV	1.0		0.025				0.00	0.6	0.02	
PERCNT:10TH	0.9							1.4	0.07	
25TH	1.1		L.005		L.1		L.05	1.4	0.07	
MEDIAN 50TH	1.4		L.005		L.1		L.05	1.9	0.09	
75TH	1.7		0.016		Ł.1		L.05	2.2	0.10	
90TH	3.3							2.9	0.11	
BALKUP CODES			061							

STATION 00YT09AB0002 FOR PERIOD 19/06/69 TO 08/11/73 LAT. 60 ° 36 ' 45 " LONG. 134 ° 27 ' 27 "

M'CLINTOCK RIVER AT W.S.C. GAUGE NEAR WHITEHORSE, YUKON TERRITORY

SAMPLES LOW HIGH AVERAGE STD.DEV	13101L ALUMINUM DISSOLVED AL MG/L	14101L SILICA REACTIVE SIO2 MG/L 8 4.5 11.1 8.0 2.0	PHOSPHORUS TOTAL PHOSPHATE PMG/L 1 0.055 0.055	15363L PHOSPHORUS DISSOLVED INORG. PO4 P MG/L 3 0.003 0.008 0.005 0.003	15255L PHOSPHORUS DISSOLVED ORTHO PO4 P MG/L 7 L.002 0.006 0.003 0.002	16303L SULPHATE DISSOLVED SO4 MG/L 10 4.0 16.3 7.1 3.8	17203L CHLORIDE DISSOLVED CL MG/L 10 0.2 0.9 0.5 0.2	POTASSIUM DISSOLVED K MG/L 10 0.5 1.2 0.8 0.2	20103L CALCIUM DISSOLVED CA MG/L 10 21.3 41.7 27.8 5.9	25101L MANGANESE DISSOLVED MN MG/L 4 L.010 L.01
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH		6.5 8.5 9.1		0.005	L.002 L.002 0.005	4.2 4.4 5.8 9.0 12.8	0.3 0.3 0.5 0.6 0.8	0.6 0.6 0.7 0.9 1.1	22.2 23.4 27.2 29.1 37.2	L.010 L.01 L.01
BACKUP CODES		02L 05L	C6L		57L		06L		01L	04L
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	ZN MG/L	ZN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	4 L.01 0.13 0.04 0.06	6 0.010 0.080 0.033 0.025	2 0.39 3.30 1.85 2.06	1 L.001 L.001	2 L.001 L.01	2 0.005 0.005 0.005 0.000	4 L.01 L.01	2 0.002 L.01 0.01	2 L.001 0.003 0.002 0.001	4 L.01 L.01
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	L.01 0.02 0.08	0.020 0.025 0.040	1.85		L.01	0.005	L.01 L.01 L.01	L.01	0.002	L.01 L.01 L.01
BACKUP CODES	04L		04P		01P		06L	06P		04L
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG/L	PB MG/L	PB MG/L	PB MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	2 0.001 0.02 0.01 0.01	1 L.005 L.005	1 0.0007 0.0007	1 L.01 L.01	1 L.001 L.001	1 0.4 0.4	1 L.05 L.05	2 L.001 0.002 0.001 0.001	L.01 L.01	2 L.001 L.01
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	0.01							0.002	L.01 L.01 L.01	L.01
BACKUP CODES	04P								01L	01P

BA KUP CODES

STATION 00YT09AB0003 FOR PERIOD 13 05 70 TO 07 09 73

LAT 60 ° 38 ' 51 " LONG 134 ° 59 ' 15 "

YUKON RIVER AT WHITEHORSE COPPER MINES PUMPHOUSE ISTATION 4 FRESHWATER STORAGE FOR MILL) WHITEHORSE YUKON TERRITORY

	1,4 . 1	103011		101516		02. 331	2.5.16	22116	72:11	22.811
	HARDNESS TOTAL	PH	ALKALINITY	ALKALINITY PHENOL-	COLOUR	TURBIDITY	SATURATION	STABILITY	SPECIFIC CONDUCT.	SPECIFIC
	03		CA: OR	CAL OR			1'A, 01	ic A n		
	MG L	PH UNITS	MG L	MG, L	REL UNITS	JTU	PH Jets	PH 11, TS	1,1 - 1,0	55 41
SAMPLES	7	11	11	11	11	11	8	8	11	
LOW	43.7	6.9	40	0	L5	0.3	-0.5	7.6	93	
HIGH	258.	8.1	151	0	10	9.5	0.0	9.1	516	
AVERAGE	92.	7.7	89	0	7	3.6	-0.2	8.1	229	
STD.DEV	83.	0.3	45	0	2	3.0	0.2	0.5	140	
PERCNT:10TH		7.6	41	Ö	L5	0.5			93	
25TH	45.5	7.6	42	0	L5	0.6	-0.4	7.8	95	
MEDIAN 50TH	48.5	7.7	109	0	5	3.0	-0.1	7.9	257	
75TH	148.	8.0	129	0	10	5.3	-0.1	8.4	312	
90TH		8.0	132	0	10	8.0			325	
BACKUP CODES										
		104011	105011	10451L	105511	060011	262511	061 11	262.16	06.1
	TOTAL	RESIDUE	RESIDUE	RESIDUE	RESIDUE	CARBON	CARBON	CARBON	BICARBONT.	CARBONATE
	DISSOLVED	NONFILTR.	FIXED	FILTERABLE	FIXED	TOTAL	TOTAL	DISSOLVED	(CALCD.)	(CALCD.)
	SOLIDS		NONFILTR.		FILTERABLE	ORGANIC	INORGANIC	ORGANIC		
	(CALCD)	MG.L	MG·L	MG L	MG L	C MG L	C MG L	C MG L	MG L	MO.
		W.G. L	Wici L	NO L	MIC3 F					
SAMPLES	8					7	2	5	11	11
LOW	54					4.0	9.0	3.0	49	0
HIGH	331					13.5	10.0	18.0	184	0
AVERAGE	153					6.5	9.5	7.5	108	0
STD.DEV	86					3.5	0.7	6.4	55	0
PERCNT:10TH									49	0
25TH	90					4.0		3.6	51	0
MEDIAN 50TH	158					4.8	9.5	3.7	133	0
75TH	172					9.0		9.0	157	0
90TH									161	0
BACKUP CODES										
	06401L FREE CO2	07002L NITROGEN	07105L NITROGEN	07306L NITROGEN	07551L NITROGEN	08401L OXYGEN	09105L FLUORIDE	SODIUM	11201L SODIUM	MAGNESIUM
	(CALCD.)	TOTAL	DISSOLVED	DISSOLVED	DISSOLVED	CONSUMED	DISSOLVED	DISSOLVED	ABSORPTION	DISSOLVED
		KJELDAHL	NO3 & NO2	NITRATE	AMMONIA				RATIO	
	CO2 MG L	N MG L	MG L	N MG L	N MG-L	O2 MG L	F MG L	NA MG L	REL JNITS	MG .
0.445.50		IVIO L		MC C	WIGIE	MICIE				
SAMPLES	11		8				2	8	8	5
LOW	0.7		0.020				0.07	1.2	0.07	2.8
HIGH	36.8		0.520				0.12	14.3	0.39	9.0
AVERAGE	6.0		0.188				0.10	6.1	0.22	7.4
STD.DEV	10.4		0.204				0.04	4.1	0.11	2.6
PERCNT:10TH	0.8									
25TH	0.9		0.031					3.3	0.14	7.9
MEDIAN 50TH	2.9		0.090				0.10	6.1	0.22	8.5
75TH	5.1		0.360					7.1	0.28	8.8
90TH	6.3									

STATION 00YT09AB0003 FOR PERIOD 13/05/70 TO 07/09/73

LAT. 60 ° 38 ' 51 " LONG. 134 ° 59 ' 15 "

YUKON RIVER AT WHITEHORSE COPPER MINES PUMPHOUSE (STATION 4, FRESHWATER STORAGE FOR MILL), WHITEHORSE, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED	14101L SILICA REACTIVE	15413L PHOSPHORUS TOTAL PHOSPHATE	DISSOLVED INORG. PO4	DISSOLVED ORTHO PO4	16303L SULPHATE DISSOLVED	17203L CHLORIDE DISSOLVED	19103L POTASSIUM DISSOLVED	20103L CALCIUM DISSOLVED	25101L MANGANESE DISSOLVED
	AL MG/L	SIO2 MG/L	P MG/L	P MG/L	P MG/L	SO4 MG/L	CL MG/L	K MG/L	CA MG/L	MN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV		8 1.0 14.0 6.7 4.3		2 L.001 L.001	2 L.002 L.002	11 1.2 112. 22. 31.	8 0.4 12.9 6.2 4.1	8 0.7 4.2 2.3 1.2	8 14.8 87.4 38.3 22.5	2 L.01 0.01 0.01 0.00
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH		3.7 6.0 9.7		L.001	L.002	5.6 5.7 8.7 25.7 27.5	3.0 7.1 8.3	1.5 2.4 3.0	23.2 35.4 43.5	0.01
BACKUP CODES		02L 03L							01L	04P 04L
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	ZN MG/L	.ZN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	5 L.01 0.01 0.01 0.00	2 L.05 L.05	11 0.033 0.570 0.237 0.164			2 0.003 L.01 0.01 0.00	6 L.01 0.12 0.04 0.05	5 L.001 L.01	2 L.001 L.01	7 L.001 0.100 0.038 0.034
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	0.01 0.01 0.01	L.05	0.10 0.10 0.180 0.39 0.400			L.01	0.01 0.02 0.08	L.001 L.001 L.001	L.01	0.006 0.04 0.05
BACKUP CODES		04L 04P	02L 04P			06P	06L	06P	04P	041
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG/L	· PB MG/L	PB MG/L	PB MG L
SAMPLES LOW HIGH AVERAGE STD.DEV	4 L.001 L.01 0.00 0.00	3 L.005 L.005		1 L.01 L.01			1 L.05 L.05	2 L.001 L.05	5 0.003 0.050 0.024 0.021	5 L.001 L.01
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	L.001 0.001 L.01	L.005						L.03	0.005 0.020 0.040	L.001 L.001 L.001
BACKUP CODES	04P							01P		01P

STATION 00YT09AB0004 FOR PERIOD 03 05 73 TO 07 09 73

LAT 60 ° 38 ' 31 " LONG 135 ° 1 ' 54 "

WHITEHORSE COPPER MINES DISCHARGE INTO CRATER LAKE FROM UNDEP ROAD YUKON TERRITORY

	HARDNESS TOTAL	PH	ALKALINITY TOTAL	ALKALINITY PHENOL-	COLOUR	TURBIDITY	SATURATION	STABILITY	SPECIFIC CONDUCT.	CONDUCT
			, A 03	CA: ()?			11,A, D)	: A		
	W	PH N	Mrs L	MG L	REL UNITS	JTU	PH 4.5	PH 71.75	J. M	J.C. 1,0
SAMPLES	5	5	5	5	5	5	2	2	5	
LOW	163.	8.0	132	0	10	0.4	0.3	6.3	355	
HIGH	295.	8.5	220	8	30	3.8	0.9	7.3	559	
AVERAGE	245.	8.2	184	2	19	1.8	0.6	6.8	485	
STD.DEV	49.	0.2	33	4	9	1.4	0.4	0.7	78	
DEDONT 10TH										
PERCNT:10TH 25TH	251.	8.1	178	0	13	0.7			492	
MEDIAN 50TH	254.	8.2	193	0	15	1.6	0.6	6.8	495	
75TH	263.	8.3	196	0	25	2.6	0.0	0.0	524	
90TH	200.	0.0	130	Ü	20	2.0			327	
BACKUP CODES										
	30203L	104,1,	10501L	10451L	10551L	06001L	06051L	061011	062011	06301
	TOTAL	RESIDUE	RESIDUE	RESIDUE	RESIDUE	CARBON	CARBON	CARBON	BICARBONT.	
	SOLIDS	NONFILTR.	FIXED NONFILTR.	FILTERABLE	FIXED	TOTAL	TOTAL	DISSOLVED	(CALCD.)	(CALCD.)
	·CALCD)		NONFILIE		FILTERABLE	C	C	C	нсоз	CO3
	MG L	MG L	MC L	MG L	MG L	MG L	MG L	MG L	MG L	Mc1 .
SAMPLES	2	1	1			2	2		5	5
LOW	185	4	2			6.0	17.0		161	0
HIGH	287	4	2			14.0	32.0		248	10
AVERAGE	236					10.0	24.5		220	2
STD.DEV	72					5.7	10.6		35	4
PERCNT:10TH										
25TH									217	0
MEDIAN 50TH	236					10.0	24.5		235	0
75TH									239	0
90TH										
BACKUP CODES										
	06401L	07,022	07105L	073J6L	07551L	084011	091.35L	111U3L	112314	121.32
	FREE CO2	NITROGEN	NITROGEN	NITROGEN	NITROGEN	OXYGEN	FLUORIDE	SODIUM	SODIUM	MAGNESIUM
	(CALCD.)	TOTAL	NO3 & NO2	DISSOLVED	DISSOLVED	CONSUMED	DISSOLVED	DISSOLVED	ABSORPTION	DISSOLVED
	CO2	N	NO3 & NO2	NITHATE	AMMONIA N	02	F	NA	RATIO	MG
	MG L	MG L	MG L	MG L	MG L	MG L	MG L	MG L	REL UNITS	MG L
SAMPLES	5		2				2	2	2	1
LOW	1.3		0.660				0.11	5.4	0.18	8.8
HIGH	3.0		1.60				0.16	9.0	0.25	8.8
AVERAGE	2.2		1.13				0.14	7.2	0.22	
STD.DEV	0.7		0.66				0.04	2.5	0.05	
PERCNT:10TH										
25TH	1.7									
MEDIAN 50TH	2.3		1.13				0.14	7.2	0.22	
75TH	2.5									
90TH										
BA KUP CODE										

WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION 00YT09AB0004 FOR PERIOD 03/05/73 TO 07/09/73

LAT. 60 ° 38 ' 31" LONG. 135 ° 1 ' 54 "

WHITEHORSE COPPER MINES DISCHARGE INTO CRATER LAKE FROM UNDER ROAD. YUKON TERRITORY

	13101L ALUMINUM DISSOLVED AL MG/L	14101L SILICA REACTIVE SIO2 MG/L	15413L PHOSPHORUS TOTAL PHOSPHATE P MG/L	15363L PHOSPHORUS DISSOLVED INORG. PO4 P MG/L	15255L PHOSPHORUS DISSOLVED ORTHO PO4 P MG/L	16303L SULPHATE DISSOLVED SO4 MG/L	17203L CHLORIDE DISSOLVED	19103L POTASSIUM DISSOLVED K MG/L	20103L CALCIUM DISSOLVED CA MG/L	25101L MANGANESE DISSOLVED MN MG.L
SAMPLES LOW HIGH AVERAGE STD.DEV		2 8.3 9.0 8.7 0.5		2 L.001 L.001	2 L.002 L.002	5 34.5 80.2 62.9 18.0	2 4.7 8.9 6.8 3.0	2 1.5 2.0 1.8 0.4	2 50.7 80.3 65.5 20.9	2 L.01 L.01
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH		8.7		L.001	L.002	56.9 69.3 73.8	6.8	1.8	65.5	L.01
BACKUP CODES		02L							01L	04L 04P
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	ZN MG/L	ZN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	5 L.01 0.09 0.04 0.04	2 L.05 0.07 0.06 0.01	5 0.08 1.20 0.39 0.46			2 0.003 L.01 0.01 0.00		5 L.001 0.15 0.03 0.06	2 0.003 L.01 0.01 0.00	1 0.005 0.005
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	L.01 0.02 0.06	0.06	0.13 0.18 0.38			L.01		0.003 0.006 L.01	L.01	
BACKUP CODES		04L 04P	04P			06P		06P	04P	
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG/L	PB MG/L	PB MG 'L	FB
SAMPLES LOW HIGH AVERAGE STD.DEV	4 0.002 0.015 0.009 0.005	5 L.005 0.009 0.006 0.002		1 L.01 L.01			1 0.08 0.08	2 L.001 L.05		5 L.001 L.01 0.00
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	0.006 L.01 0.01	L.005 0.005 0.008						L.03		L.001 L.001 0.002
BACKUP CODES	04P	01L						01P		01P

WATER QUALITY DATA 1961 1913 SIMMARY

STATION 00YT09AB0005 FOR PERIOD 04 05 73 TO 07 09 73 LAT 60 38 35 LONG 135 1 57 "

CREEK DRAINING CRATER LAKE YUKON TERRITORY

	HARDNESS TOTAL	114 N	ALKALINITY TOTAL	PHENOL-	COLOUR APPARENT	TURBIDITY	SATURATION INDEX	STABILITY	SPECIFIC CONDUCT	SPECIFIC CONDUCT
	A (1)		CA: ()3	CA O3			(CA, 5)	ic As		
	V/5 L	PH NITS	MG L	MG L	REL UNIS		PH N.13	PH 1, 15	O1 M.	2 W
SAMPLES	4	4	4	4	4	4	1	1	4	
LOW	207.	7.6	102	0	5	0.5	0.5	7.0	474	
HIGH	254.	8.3	120	0	8	1.0	0.5	7.0	576	
AVERAGE	233.	7.9	109	0	6	0.7			537	
STD.DEV	23.	0.3	9	0	2	0.2			47	
PERCNT:10TH										
25TH	214.	7.7	102	0	5	0.6			501	
MEDIAN 50TH	236.	7.9	108	0	5	0.6			549	
75TH	253.	8.2	117	0	7	0.8			573	
90TH										
BACKUP CODES										
	12 13L	10401L	10501L	10451L	10651L	06001L	26.511	110193	06-2 1L	0611
	DISSOLVED	NONFILTR.	RESIDUE	RESIDUE FILTERABLE	RESIDUE	TOTAL	CARBON	DISSOLVED	BICARBONT. (CALCD.)	(CALCD.)
	SOLIDS		NONFILTR.		FILTERABLE	ORGANIC	INORGANIC	ORGANIC	, ,	, ,
	(CALCD)		140.4	***		С	C	C	нсоз	CO3
	MG L	MG L	MGTL	MG L	MG L	MG L	MG L	MG L	MG L	Ma .
SAMPLES	1					1	. 1		4	4
LOW	282					6.0	18.0		124	0
HIGH	282					6.0	18.0		146	0
AVERAGE									133	0
STD.DEV									11	0
PERCNT:10TH										
25TH									124	0
MEDIAN 50TH									131	0
75TH									142	0
90TH										
BACKUP CODES										
	06401L	07002L	07105L	07306L	07551L	084311	09105L	11133L	11201E	121,2
	FREE CO2	NITROGEN	NITROGEN	NITROGEN	NITROGEN	OXYGEN	FLUORIDE	SODIUM	SODIUM	MAGNESIUM
	(CALCD.)	TOTAL KJELDAHL	DISSOLVED NO3 & NO2	DISSOLVED	DISSOLVED	CONSUMED	DISSOLVED	DISSOLVED	ABSORPTION RATIO	DISSOLVED
	CO2	N	N	N	N	02	F	NA	104110	Mus
	MG L	MG L	MG L	MG L	MG L	MG L	MG L	MG L	HEL UNITS	MG.
SAMPLES	4		1				1	1	1	
LOW	1.1		0.750				0.14	14.9	0.45	
HIGH	4.9		0.750				0.14	14.9	0.45	
AVERAGE	2.9									
STD.DEV	1.6									
PERCNT:10TH										
25TH	1.7									
MEDIAN 50TH	2.7									
75TH	4.0									
90TH										

STATION 00YT09AB0005 FOR PERIOD 04/05/73 TO 07/09/73

LAT. 60 ° 38 ' 35 " LONG. 135 ° 1 ' 57 "

CREEK DRAINING CRATER LAKE, YUKON TERRITORY

SAMPLES LOW HIGH AVERAGE STD.DEV PERCNT:10TH 25TH	13101L ALUMINUM DISSOLVED AL MG/L	14101L SILICA REACTIVE SIO2 MG/L 1 9.3 9.3	15413L PHOSPHORUS TOTAL PHOSPHATE P MG/L	15363L PHOSPHORUS DISSOLVED INORG. PO4 P MG/L 1 L.001 L.001	15255L PHOSPHORUS DISSOLVED ORTHO PO4 P MG/L 1 L.002 L.002	16303L SULPHATE DISSOLVED SO4 MG*L 4 104. 157. 137. 26.	17203L CHLORIDE DISSOLVED CL MG/L 1 10.3 10.3	19103L POTASSIUM DISSOLVED K MG/L 1 4.7 4.7	CALCIUM DISSOLVED CA MG.L 1 64.8 64.8	25101L MANGANESE DISSOLVED MN '' 1 L.01 L.01
MEDIAN 50TH 75TH 90TH						143. 157.				
BACKUP CODES		02L							01L	04P
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	ZN MG/L	ZN MG L
SAMPLES LOW HIGH AVERAGE STD.DEV	3 L.01 2.40 1.02 1.24	1 L.05 L.05	3 L.05 0.12 0.09 0.04			1 L.01 L.01		3 0.003 L.01 0.01 0.00	1 L.01 L.01	1 L.001 L.001
PERCNT:10TH 25TH MEDIAN 50TH	0.64		0.11					0.005		
75TH 90TH										
BACKUP CODES		04P	04P			06P		06P	04P	
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG L	BA MG L	HG UG/L	PB MG/L	PB MG-L	Ph.
SAMPLES LOW HIGH AVERAGE STD.DEV	2 0.003 L.01 0.01 0.00	3 L.005 0.005 0.005						1 L.05 L.05		3 L.001 L.01
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	L.01	0.005								L.001
BACKUP CODES	04P									

STATION 00YT09AC0001 FOR PERIOD 27 03 69 TO 01 07 73

LAT 60 ° 51 ' 8" LONG 135 ° 44 ' 21"

TAKHINI RIVER AT WISIC GAUGE AT BRIDGE ON ALASKA HIGHWAY ABOUT 25 MILES NORTHWEST OF WHITEHORSE, YUKON TERRITORY

	HARDNESS TOTAL	104°11 PH	ALKALINITY TOTAL	ALKALINITY PHENOL- PHTHALEIN CALOB	COLOUR APPARENT	COTT 0	SATURATION INDEX	STABILITY INDEX	2 44 SPECIFIC CONDUCT.	SPECIFIC CONDUCT
SAMPLES LOW HIGH AVERAGE STD.DEV	10 17.2 54.9 33.8 13.3	10 7.1 8.2 7.7 0.3	10 16 53 33 13	9 0 0 0	10 L5 60 11 17	10 3.0 72.0 22.9 25.6	9 -2.3 -0.5 -1.1 0.6	9 8.9 11.8 9.9 1.0	10 43 120 74 27	1 55 55
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	18.9 21.3 33.9 42.9 50.8	7.2 7.5 7.8 7.9 8.1	18 21 33 42 48	0 0 0 0	L5 L5 5 10 35	3.4 4.2 6.0 40.0 63.5	-2.3 -1.4 -1.0 -0.7 -0.5	8.9 9.2 9.6 10.4 11.8	46 51 67 97 109	
BAY KUP COOLS										
	TOTAL DISSOLVED SOLIDS (CALCD)	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	CARBON TOTAL ORGANIC	06051L CARBON TOTAL INORGANIC	06101L CARBON DISSOLVED ORGANIC	06201L BICARBONT. (CALCD.)	CARBONATE (CALCD.)
SAMPLES	MG L	MG L	MG L	MG L	MG L	MG L	MG.L	MG L	MG L	MG .
LOW HIGH AVERAGE STD.DEV	21 66 40 15	L1 168 36 61	L1 154 32 57			2.0 7.0 4.2 2.3	2.0 17.0 7.6 5.9		19 65 39 16	0 0 0
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	21 29 44 48 66	1 3 55	L1 3 51			2.0 4.0 6.0	4.0 6.0 9.0		19 26 31 51 65	0 0 0 0
BACKUP CODES										
	06401L FREE CO2 (CALCD.)	07002L NITROGEN TOTAL KJELDAHL	07105L NITROGEN DISSOLVED NO3 & NO2	07306L NITROGEN DISSOLVED NITRATE	07551L NITROGEN DISSOLVED AMMONIA	08401L OXYGEN CONSUMED	09105L FLUORIDE DISSOLVED	11103L SODIUM DISSOLVED	11201L SODIUM ABSORPTION RATIO	12102L MAGNESIUM DISSOLVED
	MG L	MG L	MG L	MG L	MG L	MG L	MG L	MG L	REL JNITS	MG L
SAMPLES LOW HIGH AVERAGE STD.DEV	10 0.5 2.6 1.4 0.7	1 L.5 L.5	9 0.020 0.140 0.057 0.038		3 L.1 L.1	1 1.8 1.8	9 L.05 0.22 0.18 0.05	10 1.0 2.8 1.6 0.6	10 0.09 0.16 0.12 0.02	
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	0.6 1.0 1.3 2.0 2.5		0.020 0.025 0.060 0.068 0.140		L.1		L.05 0.17 0.18 0.20 0.22	1.0 1.1 1.4 1.8 2.5	0.09 0.10 0.11 0.12 0.15	
BA. H.JP CODES			06L				04:			

STATION 00YT09AC0001 FOR PERIOD 27/03/69 TO 01/07/73

LAT. 60 ° 51 ' 8" LONG. 135 ° 44 ' 21"

TAKHINI RIVER AT W.S.C. GAUGE AT BRIDGE ON ALASKA HIGHWAY ABOUT 25 MILES NORTHWEST OF WHITEHORSE, YUKON TERRITORY

	13101L	14101L	15413L	15363L	15255L	16303L	17203L	19103L	20103L	25101L
	ALUMINUM	SILICA	PHOSPHORUS			SULPHATE	CHLORIDE	POTASSIUM	CALCIUM	MANGANESE
	DISSOLVED	REACTIVE	TOTAL	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED
	AL	56.2	PHOSPHATE	INORG. PO4	ORTHO PO4	SO4		r	1	MN
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	N/A	M.	77	MG-L
0.4.4401.00										
SAMPLES		10	2	5	8	10	10	10	10	7
LOW		3.5	0.007	L.001	L.002	L1.0	0.1	0.7	6.0	L.010
HIGH		6.4	0.055	0.006	0.010	8.1	0.9	1.5	18.3	L.010
AVERAGE		5.0	0.031	0.003	0.003	3.4	0.4	0.9	11.1	
STD.DEV		1.1	0.034	0.002	0.003	2.0	0.2	0.3	4.1	
DEDON'T 40TH		0.0				4.0	0.0	0.7	0.0	
PERCNT:10TH		3.6				1.2	0.2	0.7	6.3	
25TH		4.2		L.001	L.002	2.7	0.3	0.7	7.4	L.01
MEDIAN 50TH		5.2	0.031	0.003	L.002	2.9	0.4	0.8	11.0	L.01
75TH		5.9		0.003	L.002	4.4	0.5	0.9	13.7	L.01
90TH		6.4				6.3	0.8	1.4	16.8	
0.10.0.0			0.01							
BACKUP CODES		02L 05L	06L		57L 59L		. n_			04L
	25304P	26102	26305P	27302P	28302P	29105L	29305L	29305P	30105L	30305L
	MANGANESE	IRON	IRON	COBALT	NICKEL	COPPER	COPPER	COPPER	ZINC	ZINC
	EXTRBLE.	DISSOLVED	EXTRBLE.	EXTRBLE.	EXTRBLE.	DISSOLVED	EXTRBLE.	EXTRBLE.	DISSOLVED	EXTRBLE.
	MN	FE	FE	СО	NI	CU		CU	ZN	ZN
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MC.	MG /L	MG:L	MG/L
SAMPLES	3	8	2	1	2	5	2	2	6	2
LOW	L.01	L.001	0.69	L.001	0.001	0.001	L.01	0.002	0.002	L.01
HIGH	0.03	0.090	0.95	L.001	L.01	L.01	L.01	L.01	0.020	L.01
AVERAGE	0.02	0.030	0.82	4	0.01	0.01	L.01	0.01	0.009	L.01
		0.030	0.18		0.01	0.00		0.01	0.006	
STD.DEV	0.01	0.031	0.10		0.01	0.00		0.01	0.006	
PERCNT:10TH										
25TH		0.006				0.001			0.003	
MEDIAN 50TH	0.03	0.020	0.82		L.01	0.005	L.01	L.01	L.01	L.01
75TH		L.05				L.01			L.01	
90TH										
BACKUP CODES	04L	04L	04P		01P	06L	h _c	r F	4.	4
	30305P	33103L	42302P	47301P	48302P	56301P	80311P	82103L	82302L	82302P
	ZINC	ARSENIC	MOLYBDENUM	SILVER	CADMIUM	BARIUM	MERCURY	LEAD	LEAD	LEAD
	EXTRBLE.	DISSOLVED	EXTRBLE.	EXTRBLE.	EXTRBLE.	EXTRBLE.	EXTRBLE.	DISSOLVED	EXTRBLE.	EXTRBLE.
	2N	AS	MO	AG	CD	ВА	HG	, 1kg	PB	PB
	MG L	MG/L	MG/L	MG.L	MG/L	MG L		1,1	MG/L	MG/L
									2	2
SAMPLES	2	1	1	1	1	1	1	6		
LOW	0.005	L.005	0.0006	L.01	L.001	0.2	L.05	L.001	L.01	L.001
HIGH	L.01	L.005	0.0006	L.01	L.001	0.2	L.05	L.05	L.01	L.01
AVERAGE	0.01									
STD.DEV	0.00									
DEDCNT-40TH										
PERCNT:10TH								L.001		
25TH	1.01							L.001	L.01	L.01
MEDIAN 50TH	L.01							L.05	L.01	C.01
75TH								L.05		
90TH										
BACKUP CODES	04P									• #
D. IONOI OODES	0 +-									

TESLIN RIVER AT WISIC GAUGE AT BRIDGE ON ALASKA HIGHWAY AT JOHNSONS CROSSING, YUKON TERRITORY

	HARDNESS TOTAL	PH	ALKALINITY	ALKALINITY PHENOL- PHTHALEIN	COLOUR	TURBIDITY	SATURATION INDEX	STABILITY	SPECIFIC CONDUCT	SPE IFF
	44.2 F (V: ()3	PH . N TS	MG L	MG C	~ >-		PH NT	AL C PH INTS	ut. M	-
SAMPLES	45	46	46	45	46	46	41	41	46	,
LOW	55.5	7.2	49	0	L5	0.1	-1.0	8.5	102	135
HIGH	71.2	8.2	66	0	15	3.2	-0.2	9.3	162	135
AVERAGE	63.6	7.9	59	0	9	0.8	-0.5	8.8	131	
STD.DEV	4.1	0.2	4	0	3	0 6	0.2	0.2	11	
PERCNT:10TH	57.6	7.6	53	Ö	5	0.2	-0.7	8.6	117	
25TH	61.6	7.8	56	0	10	0.3	-0.6	8.7	123	
MEDIAN 50TH	63.8	7.9	59	0	10	0.6	-0.5	8.9	131	
75TH	66.3	8.0	61	0	10	12	-0.3	9.0	139	
90TH	69.1	8.1	63	0	10	1 4	-0.3	9.1	143	
BALKUP CODES										
	U 1203L	10401L	10501L	104514	105516	Chilott	26 512	161011	362 11	F - 1
	DISSOLVED	RESIDUE NONFILTR.	RESIDUE	RESIDUE FILTERABLE	RESIDUE	TOTAL	TOTAL	DISSOLVED	BICARBONT. (CALCD.)	(CALCD)
	,CALCD		NONFILTR		FILTERABLE	ORGANIC	INORGANIC	ORGANIC	нсоз	
	MG L	MG L	MG L	MG L	MG L	MG L	MG L	MG L	MG L	M2 T
SAMPLES	41	1	1			4	4		45	45
LOW	59	12	5			3.0	8.6		60	0
HIGH	80	. 12	5			10.9	12.0		81	0
AVERAGE	67					7.5	10.9		72	0
STD.DEV	4					3 4	1 6		5	0
PERCNT:10TH	63								65	0
25TH	64					5 0	98		69	0
MEDIAN 50TH	67					8.0	11.5		72	0
75TH	69					100	120		74	0
90TH	73								77	0
BACKUP CODES										
	,64v1L	07302L	07105L	07306.	075514	384016	291 J&c	11103L	11211	12132
	FREE CO2	NITROGEN	NITROGEN	NITROGEN	NITROGEN	OXYGEN	FLUORIDE	SODIUM	SODIUM	MAGNESIUM
	(CALCD.)	TOTAL	DISSOLVED	DISSOLVED	DISSOLVED	CONSUMED	DISSOLVED	DISSOLVED	ABSORPTION	DISSOLVED
	CO2	KJELDAHL	NO3 & NO2 N	NITRATE	AMMONIA			NA	RATIO	₩.,
	MG L	MG L	MG L	MG L		* *		MG L	REL UNTU	46.
SAMPLES	46	1	43		10	7	20	46	45	1
LOW	0.7	L.5	L.001		L.1	2.3	0.07	0.9	0.05	4.9
HIGH	8.1	L.5	0.120		0.3	4.3	0.18	4.1	0.21	4.9
AVERAGE	1.7		0.038		0.1	3.4	0.12	1.5	0.08	
STD.DEV	1.2		0.029		0 1	0 8	0.03	0.4	0.02	
PERCNT:10TH	0.9		L.005		£ 1		L 10	1.2	0.07	
25TH	1.1		0.009		Ł 1	2.4	010	1.4	0.07	
MEDIAN 50TH	1.5		0.040		0.1	3.3	0.12	1.5	0.08	
75TH	1.8		0.050		0.2	4.2	0 13	1.6	0.09	
90TH	2.8		0.070		0.3		0 16	1.7	0.09	
HA HUP COSH			100							

STATION 00YT09AE0001 FOR PERIOD 24/06/67 TO 14/10/73 LAT. 60 ° 29 ' 7 " LONG. 133 ° 18 ' 4 "

TESLIN RIVER AT W.S.C. GAUGE AT BRIDGE ON ALASKA HIGHWAY AT JOHNSONS CROSSING, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED AL MG/L	14101L SILICA REACTIVE SIO2 MG/L	15413L PHOSPHORUS TOTAL PHOSPHATE P MG/L	15363L PHOSPHORUS DISSOLVED INORG. PO4 P MG/L	15255L PHOSPHORUS DISSOLVED ORTHO PO4 P MG/L	16303L SULPHATE DISSOLVED SO4 MG/L	17203L CHLORIDE DISSOLVED CL MG/L	19103L POTASSIUM DISSOLVED K MG/L	20103L CALCIUM DISSOLVED	25101L MANGANESE DISSOLVED
SAMPLES LOW HIGH AVERAGE STD.DEV	3 L.01 L.01	44 5.3 8.2 6.5 0.6	7 L.005 0.033 0.012 0.010	4 L.001 0.003 0.001 0.001	12 L.002 0.007 0.003 0.001	46 2.4 8.0 6.5 0.9	45 L.1 3.3 0.3 0.5	46 0.4 1.8 0.7 0.2	46 15.8 22.9 18.5	9 L.010 L.010
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	L.01	6.0 6.2 6.6 6.8 7.2	0.007 0.010 0.012	L.001 L.001 0.002	L.002 L.002 L.002 0.003 0.003	5.7 6.1 6.5 6.9 7.6	0.1 0.2 0.2 0.3 0.6	0.5 0.6 0.6 0.7 0.8	16.5 17.3 18.3 19.6 21.1	L.010 L.010 L.01 L.010 L.010
BACKUP CODES		05L 02L	06L		57L 59L		06L		1.	. 4.
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	,'\\ M . L	ZN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	4 L.01 L.01	11 L.001 0.050 0.016 0.017	2 0.08 0.11 0.10 0.02	1 L.001 L.001	2 L.001 L.01	9 0.002 0.012 0.009 0.003	3 L.01 L.01	2 0.001 L.01 0.01 0.01	9 0.002 0.022 0.010 0.005	3 L.01 L.01
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	L.01 L.01 L.01	L.001 L.001 0.010 0.030 0.040	0.10		L.01	0.002 L.01 L.01 L.01 0.012	L.01	L.01	0.002 L.01 L.01 L.01 0.022	L.01
BACKUP CODES	04L		04P		01P	06L	06L	06P	.4.	. 11
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG/L	PB MG/L	P _f .	PB MG
SAMPLES LOW HIGH AVERAGE STD.DEV	2 L.001 L.01	1 L.005 L.005	1 0.0007 0.0007	1 L.01 L.01	1 L.001 L.001	1 0.3 0.3	1 L.05 L.05	9 L.001 L.05	3 L.01 L.01	2 L.001 L.01
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	L.01							L.001 L.001 L.05 L.05 L.05	L.01	L.01
BACKUP CODES	04P							01L		01P

WATER QUALITY DATA 1961 1973 SUMMARY

STATION 00YT09AG0001 FOR PERIOD 25 05 69 TO 22 06 73

LAT 61° 52' 22" LONG 134 50' 0"

BIG SALMON RIVER AT WISIC GAUGE NEAR CARMACKS ABOUT 3 MILES ABOVE MOUTH-YUKON TERRITORY

	HARDNESS TOTAL	PH	ALKALINITY TOTAL	ALKALINITY PHENOL-	COLOUR APPARENT	TURBIDITY	SATURATION INDEX	STABILITY	SPECIFIC CONDUCT.	SPECIFIC CONDUCT
	03		(A(O)	CA O3			(A. 5)			
	₹* s L	PH INITS	W , .	Mol	RE. INTS		PH 1, 15	Pro 1, *1,	0 M	2. 9
SAMPLES	12	12	12	12	12	12	11	11	12	
LOW	46.1	7.6	38	0	L5	1.0	-1.0	7.2	89	
HIGH	136.	8.3	123	0	100	58.0	0.5	9.7	283	
AVERAGE	84.	8.0	73	0	20	15.6	-0.2	8.3	167	
STD.DEV	32.	0.3	29	0	29	20.7	0.5	0.8	64	
PERCNT:10TH	46.5	7.6	39	0	L5	2.2	-0.9	7.5	97	
25TH	51.4	7.7	42	0	L5	2.4	-0.8	7.7	104	
MEDIAN 50TH	86.1	8.0	74	0	5	5.9	-0.1	8.1	169	
75TH	103.	8.3	88	0	25	19.0	0.2	9.3	204	
90TH	131.	8.3	113	0	50	57.0	0.3	9.4	250	
00777		0.0							-	
BALKUP CODES										
		10401L	10501L	10451L	10551L	060311	26 .51L		262.11	
	TOTAL	RESIDUE	RESIDUE	RESIDUE	RESIDUE	CARBON	CARBON	CARBON	BICARBONT.	CARBONATE
	DISSOLVED	NONFILTR.	FIXED	FILTERABLE	FIXED	TOTAL	TOTAL	DISSOLVED	(CALCD.)	(CALCD)
	SOLIDS		NONFILTR.		FILTERABLE	ORGANIC	INORGANIC C	ORGANIC	HG03	
	(CAUCD) MG L	MG L	MG L	MGIL	MG L	MG L	MG L	MGL	MG L	W.
SAMPLES	11	4	4			4	4		12	12
LOW	48	21	13			1.0	8.0		47	0
HIGH	144	296	257			9.0	22.0		150	0
AVERAGE	92	153	133			3.8	16.5		89	0
STD.DEV	34	131	121			3.6	6.5		35	0
STD.DEV	0-	101	121			5.0	0.5		00	· ·
PERCNT:10TH	50								48	0
25TH	54	43	31			1.5	11.5		52	0
MEDIAN 50TH	105	148	132			2.5	18.0		91	0
75TH	111	263	236			6.0	21.5		107	0
90TH	136								138	0
BACKUP CODES										
	'64('1L	073021	C7105L	C7936L	07551L	084010	C91.35L	15* 136	112:11	121,2
	FREE CO2	NITROGEN	NITROGEN	NITROGEN	NITROGEN	OXYGEN	FLUORIDE	SODIUM	SODIUM	MAGNESIUM
	(CALCD.)	TOTAL	DISSOLVED	DISSOLVED	DISSOLVED	CONSUMED	DISSOLVED	DISSOLVED	ABSORPTION	DISSOLVED
	002	KJELDAHL N	NO3 & NO2 N	NITRATE	AMMONIA	02	F	ΝA	, RATIO	M :
	MG L	MG·L	MG L	MG L	MG L	MG L	MG L	MG L	REL JN'TS	MG.
SAMPLES	12		11		4		8	12	12	
LOW	0.8		L.001		L.1		L.05	0.5	0.03	
HIGH	2.2		0.150		0.4		0.71	2.0	0.03	
AVERAGE	1.5		0.058		0.4		0.16	1.3	0.07	
STD.DEV	0.5		0.047		0.2		0.10	0.5	0.01	
PERCNT:10TH	0.8		0.009					0.7	0.04	
25TH	1.1		0.018		L.1		0.06	0.8	0.05	
MEDIAN 50TH	1.3		0.057		L.1		0.09	1.3	0.06	
75TH	2.0		0.100		0.3		0.10	1.6	0.07	
90TH	2.1		0.120					1.9	0.07	
BACKUP CODES			061				64.			

STATION 00YT09AG0001 FOR PERIOD 25/05/69 TO 22/06/73 LAT. 61° 52' 22" LONG. 134° 50' 0"

BIG SALMON RIVER AT W.S.C. GAUGE NEAR CARMACKS ABOUT 3 MILES ABOVE MOUTH, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED	14101L SILICA REACTIVE	15413L PHOSPHORUS TOTAL PHOSPHATE P	15363L PHOSPHORUS DISSOLVED INORG. PO4	15255L PHOSPHORUS DISSOLVED ORTHO PO4	16303L SULPHATE DISSOLVED	17203L CHLORIDE DISSOLVED	19103L POTASSIUM DISSOLVED	20103L CALCIUM DISSOLVED	25101L MANGANESE DISSOLVED
SAMPLES LOW HIGH AVERAGE STD.DEV	MG/L	MG/L 11 3.7 8.1 6.4 1.7	MG/L	4 L.001 0.003 0.001	8 L.002 0.010 0.004 0.003	12 4.7 18.6 12.4 5.4	12 0.2 0.5 0.3	MG/L 12 0.5 1.4 1.0 0.2	12 14.6 38.1 24.7 8.5	4 L.01 L.01
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH		3.8 4.2 7.1 7.6 7.6		L.001 L.001 0.002	L.002 L.002 0.005	5.1 8.1 12.0 17.8 18.3	0.2 0.2 0.3 0.4 0.4	0.8 0.9 1.0 1.3 1.3	15.3 16.4 23.9 30.7 37.7	L.01 L.01 L.01
BACKUP CODES		02L			57L		06L		01L	04L
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	ZN MG/L	ZN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	4 L.01 L.01	8 L.001 0.110 0.033 0.037				4 L.001 0.004 0.002 0.001	4 L.01 0.01 0.01 0.00		4 L.001 0.004 0.002 0.001	4 L.01 L.01
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	L.01 L.01 L.01	0.006 0.025 0.05				0.002 0.003 0.004	L.01 L.01 0.01		0.002 0.003 0.004	L.01 L.01 L.01
BACKUP CODES	04L	04L					06L			04L
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG/L	PB MG/L	PB MG/L	PB MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV								5 L.001 L.05 0.01 0.02	3 L.01 L.01	
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH								L.001 0.003 0.005	L.01	
BACKUP CODES										

WATER OUALITY DATA 1001 1071 SI SMARRY

STATION 00YT09AH0001 FOR PLRIOD 05 09 69 TO 24 07 73

LAT 62 5 45" LONG 136 16 18"

YUKON RIVER AT WISIC GAUGE AT WHITEHORSE MAYO HWY BRICISE ABOUT 15 MILE NORTH OF CARMACKS YUKON TERRITORY

	• • •	1 111		1,1 1(12 *1			2141	2 (*
	HARDNESS	PH	ALKALINITY	ALKALINITY	COLOUR	TURBIDITY	SATURATION	STABILITY	SPECIFIC	SPECIFIC
	TOTAL		TOTAL	PHENOL-	APPARENT		INDEX	INDEX	CONDUCT.	CONDUCT
				PHTHALEIN						
	A () ?		CACOR	, V. C. 3			(A. () (' A '		
	M-5-1	PH TN TS	MG C	M's c	HE. I'M TE	JTU	PH 1, 15	PH NTS	JS. M	25 V
SAMPLES	12	12	12	12	12	12	9	9	12	1
LOW	58.8	7.5	52	0	L5	2.5	-0.7	8.5	118	125
HIGH	77.7	8.2	67	0	20	16.0	-0.2	9.1	146	125
AVERAGE	63.3	7.9	57	0	8	5.0	-0.4	8.8	128	
STD.DEV	5.8	0.2	5	0	5	3.7	0.2	0.2	10	
PERCNT:10TH	59.3	7.6	53	0	L5	2.6	-0.7	8.5	119	
25TH	59.7	7.7	54	0	5	2.9	-0.5	8.5	121	
MEDIAN 50TH	61.0	7.9	55	0	5	3.7	-0.4	8.8	125	
75TH	63.9	8.1	58	0	9	5.6	-0.3	9.0	136	
90TH	72.1	8.1	65	0	15	6.4	-0.2	9.1	144	
BACKUP CODES										

	TOTAL DISSOLVED SOLIDS TCALCD) MG L	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	19451L RESIDUE FILTERABLE	10851L RESIDUE FIXED FILTERABLE	CARBON TOTAL ORGANIC C MG L	CARBON TOTAL INORGANIC C MG L	CARBON DISSOLVED ORGANIC C MG L	BICARBONT. (CALCD.) HCO3	CARBONATE (CALCD.)
SAMPLES	9	3	3			3	3		12	12
LOW	62	19	18			0.0	0.0		64	0
HIGH	80	64	45			11.9	14.0		81	0
AVERAGE	69	36	28			4.3	7.5		69	0
STD.DEV	6	24	15			6.6	7.1		6	0
PERCNT:10TH	62								64	0
25TH	65								66	0
MEDIAN 50TH	66	26	22			1.0	8.6		67	0
75TH	73								70	0
90TH	80								79	0

BACKUP CODES

	FREE CO2 (CALCD.)	O7002L NITROGEN TOTAL KJELDAHL N MG L	C7105L NITROGEN DISSOLVED NO3 & NO2 N MG L	07376L NITROGEN DISSOLVED NITRATE N MG-L	NITROGEN DISSOLVED AMMONIA N	OXYGEN CONSUMED	09175L FLUORIDE DISSOLVED	SODIUM DISSOLVED	SODIUM ABSORPTION RATIO	MAGNESIUM DISSOLVED
SAMPLES	12	1	9		1	1	6	12	12	
LOW	0.7	L.5	L.005		L.1	0.8	0.08	1.1	0.06	
HIGH	3.3	L.5	0.090		L.1	0.8	0.98	2.1	0.11	
AVERAGE	1.7		0.046				0.25	1.5	0.08	
STD.DEV	0.8		0.033				0.36	0.3	0.01	
PERCNT:10TH	0.8		L.005					1.2	0.07	
25TH	1.1		0.020				0.09	1.3	0.07	
MEDIAN 50TH	1.5		0.040				0.11	1.5	0.08	
75TH	2.3		0.070				0.11	1.6	0.09	
90TH	2.7		0.090					1.6	0.09	

BA NUP CODE!

STATION 00YT09AH0001 FOR PERIOD 05/09/69 TO 24/07/73 LAT. 62 ° 5 ' 45 " LONG. 136 ° 16 ' 18 "

YUKON RIVER AT W.S.C. GAUGE AT WHITEHORSE-MAYO HWY BRIDGE ABOUT 0.5 MILE NORTH OF CARMACKS, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED AL MG/L	14101L SILICA REACTIVE SIO2 MG/L	15413L PHOSPHORUS TOTAL PHOSPHATE P MG/L	15363L PHOSPHORUS DISSOLVED INORG, PO4 P MG/L	15255L PHOSPHORUS DISSOLVED ORTHO PO4 P MG/L	16303L SULPHATE DISSOLVED SO4 MG/L	17203L CHLORIDE DISSOLVED	19103L POTASSIUM DISSOLVED K MG/L	20103L CALCIUM DISSOLVED	25101L MANGANESE DISSOLVED MN MG L
SAMPLES LOW HIGH AVERAGE STD.DEV	MO/C	10 3.3 5.9 5.2 0.8	2 L.005 0.037 0.021 0.023	3 L.001 L.001	4 L.002 L.002	12 6.2 10.9 8.4 1.4	12 0.2 1.2 0.4 0.3	12 0.5 1.1 0.7 0.2	12 16.8 22.3 18.4	2 L.01 L.01
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH		3.8 5.0 5.4 5.8 5.9	0.021	L.001	L.002 L.002 L.002	6.8 7.3 8.4 9.3 10.3	0.2 0.2 0.3 0.5 0.7	0.5 0.6 0.7 0.8 1.0	16.8 17.9 18.0 18.9 19.6	L.01
BACKUP CODES		02L 05L	06L		59L 57L	01L	06L		′1L	7.42
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG [,] L	CU MG/L	CU MG/L	ZN MG/L	ZN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	4 L.01 0.02 0.01 0.01	5 L.001 0.010 0.005 0.005	1 0.40 0.40	1 L.001 L.001	1 L.001 L.001	3 L.001 0.009 0.004 0.004	2 L.01 L.01	1 0.001 0.001	3 0.001 0.006 0.004 0.003	2 L.01 L.01
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	L.01 L.01 0.02	L.001 L.001 0.010				0.002	L.01		0.005	L.01
BACKUP CODES	04L		04P				06L			4.
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG/L	PB MG/L	PB MG. L	PB MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	1 0.001 0.001		1 0.0003 0.0003		1 L.001 L.001	1 0.3 0.3	1 L.05 L.05	3 L.001 0.010 0.004 0.005	2 L.01 L.01	1 L.001 L.001
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH								L.001	L.01	
BACKUP CODES									1.	

STATION 00YT09BA0001 FOR PERIOD 11 06 69 TO 16 10 73

LAT 61° 59' 40" LONG 132° 22' 40"

ROSS RIVER AT WISIC GAUGE AT ROSS RIVER YUKON TERRITORY

	HARDNESS TOTAL	PH	ALKALINITY TOTAL	ALKALINITY PHENOL- PHTHALEIN	COLOUR	TURBIDITY	SATURATION INDEX	STABILITY	SPECIFIC CONDUCT.	SPECIFIC CONDUCT
	MG L	PH ., NITS	MG L	MG L	REL UNITS	JTU	PH "N"S	PH ATS	US M	J , M
SAMPLES LOW HIGH AVERAGE STD.DEV	14 20.1 131. 76. 31.	14 7.1 8.3 7.8 0.3	14 19 92 51 21	14 0 0 0	13 L5 70 25 23	14 0.9 68.0 19.5 21.5	13 -1.6 0.3 -0.7	13 7.6 10.9 9.2 0.9	14 48 260 156 62	
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	48.1 48.5 75.9 101. 114.	7.5 7.7 7.9 8.0 8.2	32 33 49 67 79	0 0 0	5 5 20 50 55	1.1 2.2 11.5 29.0 55.0	-1.3 -1.1 -0.6 -0.4 0.1	8.0 8.8 9.0 9.7 10.0	98 101 161 208 242	
BACKUP CODES										
	ONEDSOLVED SOLIDS (CALCD)	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	CARBON TOTAL ORGANIC C	06051L CARBON TOTAL INORGANIC C	CARBON DISSOLVED ORGANIC C MG L	BICARBONT. (CALCD.)	CARBONATE (CALCD.)
SAMPLES LOW HIGH AVERAGE	13 22 143 81	6 4 157 67	6 2 148 59	MU L	MG E	6 2.0 9.0 5.5	6 4.0 20.0 10.2	MG L	14 23 112 62	14 0 0 0
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH BACKUP CODES	34 54 54 81 108 122	8 64 104	54 5 59 84			2.7 4.0 5.0 8.0	5.9 6.0 8.5 14.0		25 39 40 59 81 96	0 0 0 0
	36431L FREE CO2 (CALCD.) CO2 MG L	07002L NITROGEN TOTAL KJELDAHL N	07105L NITROGEN DISSOLVED NO3 & NO2 N MG-L	C7306L NITROGEN DISSOLVED NITRATE N MG-L	07551L NITROGEN DISSOLVED AMMONIA N	OB401L OXYGEN CONSUMED	9915L FLUORIDE DISSOLVED	11103L SODIUM DISSOLVED NA MG L	SODIUM ABSORPTION RATIO REL UNITS	MAGNESIUM DISSOLVED
SAMPLES LOW HIGH AVERAGE STD.DEV	14 0.6 8.6 1.8 2.1		13 L.005 0.110 0.033 0.039		4 L.1 0.3 0.2 0.1		10 0.07 0.17 0.10 0.03	14 0.6 1.9 1.2 0.4	14 0.04 0.08 0.06 0.01	
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	0.7 0.8 1.1 1.6 3.0		L.005 L.005 0.011 0.040 0.110		0.1 0.2 0.3		0.08 0.09 0.10 0.10 0.14	0.8 0.9 1.2 1.6 1.7	0.05 0.06 0.06 0.07 0.07	
BACKUP CODES			06L				04L			

STATION 00YT09BA0001 FOR PERIOD 11/06/69 TO 16/10/73 LAT. 61 ° 59 ' 40 " LONG. 132 ° 22 ' 40 "

ROSS RIVER AT W.S.C. GAUGE AT ROSS RIVER, YUKON TERRITORY

SAMPLES LOW HIGH AVERAGE STD.DEV PERCNT:10TH 25TH	13101L ALUMINUM DISSOLVED AL MG/L	14101L SILICA REACTIVE S:02 MG/L 13 2.8 7.5 5.6 1.5 3.8 4.3	15413L PHOSPHORUS TOTAL PHOSPHATE P MG/L	15363L PHOSPHORUS DISSOLVED INORG. PO4 P MG/L 6 L.001 0.008 0.002 0.003	15255L PHOSPHORUS DISSOLVED ORTHO PO4 P MG/L 10 L.002 0.010 0.004 0.003 L.002 L.002 L.002	16303L SULPHATE DISSOLVED SO4 MG L 14 1.8 39.6 24.0 10.4 14.6 15.7	17203L CHLORIDE DISSOLVED CL MG L 14 0.2 0.7 0.3 0.2 0.2 0.2	19103L POTASSIUM DISSOLVED 14 0.4 0.8 0.6 0.1 0.5 0.6	20103L CALCIUM DISSOLVED 14 6.9 34.1 19.9 7.3 13.2 14.6	25101L MANGANESE DISSOLVED MA. MG. 6 L.01 0.02 0.01 0.01 L.01
MEDIAN 50TH 75TH 90TH		5.8 7.0 7.2		L.001 0.003	L.002 0.007 0.010	25.3 32.4 35.7	0.3 0.4 0.6	0.6 0.7 0.7	20.1 25.7 28.9	L.01 0.02
BACKUP CODES		02L			57_		06L		.1	04L
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG L	CU MG/L	CU MG L	ZN MG/L	ZN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	4 L.01 L.01	10 L.001 0.110 0.056 0.036				6 L.001 0.008 0.002 0.003	4 L.01 L.01		6 0.001 0.011 0.005 0.004	4 L.01 0.02 0.01
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	L.01 L.01 L.01	0.011 0.030 0.055 0.090 0.105				0.001 0.001 0.002	L.01 L.01 L.01		0.002 0.004 0.008	L.01 L.01 0.02
BACKUP CODES	04L						06L			1
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	SZSOZE LEAD EXTRBLE.	82302P LEAD EXTRBLE.
SAMPLES LOW HIGH AVERAGE STD.DEV	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG∗L	HG UG/L	PB MG L 6 L.001 0.009 0.003 0.003	PB MG/L 4 L.01 L.01	PB MG/L
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH								L.001 L.001 0.006	L.01 L.01 L.01	
BACKUP CODES										

TURBIDITY SATURATION STABILITY SPECIFIC

INDEX INDEX CONDUCT.

SPECIFIC

COMBUCT

STATION 00YT09BC0001 FOR PERIOD 13 10 67 TO 02 12 73

LAT 61° 59' 12" LONG 132° 26' 54"

10301L PH

HARDNESS

TOTAL

PELLY RIVER AT WISIC GAUGE NEAR SUSPENSION BRIDGE AT ROSS RIVER YUKON TERRITORY

ALKALINITY ALKALINITY COLOUR

TOTAL PHENOL- APPARENT

	TOTAL		TOTAL	PHENOL-	APPARENT		INDEX	INDEX	CONDUCT.	COMMICT
	CAT 03 MG L	PH UNITS	CACO3 MG L	CACO3 MG L	REL UNITS	JTU	MAL DI	CAL TI	us M	
SAMPLES	47	47	46	47	46	46	40	40	47	1
LOW	71.0	7.3	60	0	L5	0.3	-0.7	7.1	140	205
HIGH	194.	8.7	149	7	100	95.0	0.7	8.7	367	205
AVERAGE	138.	8.0	105	0	15	14.1	0.1	7.7	272	
STD.DEV	30.	0.3	22	1	19	23.6	0.3	0.5	59	
PERCNT:10TH	95.8	7.6	71	0	L5	0.6	-0.3	7.2	187	
25TH	119.	7.9	91	0	5	1.5	-0.1	7.3	232	
MEDIAN 50TH 75TH	139. 162.	8.0 8.1	1 05 120	0	10 17	2.9 13.0	0.2	7.7 7.8	276 315	
90TH	180.	8.3	136	0	30	54.0	0.5	8.5	349	
BACKUP CODES										
(
	00203L	10401L	10501L	10451L	10551L	06001L	06051L	06101L	06211	
	DISSOLVED	RESIDUE NONFILTR.	RESIDUE	RESIDUE FILTERABLE	RESIDUE	CARBON	CARBON	DISSOLVED	BICARBONT. (CALCD.)	CARBONATE
	SOLIDS	NONFILTH.	NONFILTR.	FILTERABLE	FILTERABLE	ORGANIC	INORGANIC	ORGANIC	(CALCD.)	CALCO
	(CALCD)	MO	MG L	MG L	MG L	C MG L	C MG L	C MG L	HCO3	
CAMPIEC	MG-L	MG L		1	1	7	7	MG L	MG L	A.C.
SAMPLES	40 82	10 8	10 7	173	151	1.0	10.4		73	46 0
HIGH	206	430	400	173	151	11.0	31.0		182	8
AVERAGE	151	104	88			6.2	18.1		127	0
STD.DEV	32	123	117			4.0	6.9		27	2
PERCNT:10TH	105	12	9						87	0
25TH	130	51	25			2.0	12.0		111	0
MEDIAN 50TH	151	62	51			6.0	19.0		125	0
75TH	177	115	91			10.4	21.0		145	0
90TH	196	297	271						166	0
BACKUP CODES										
	36401L	07002L	07105L	07306L	07551L	08401L	09105L	11103L	11201	121021
	FREE CO2 (CALCD.)	NITROGEN TOTAL KJELDAHL	NITROGEN DISSOLVED	NITROGEN DISSOLVED NITRATE	NITROGEN DISSOLVED AMMONIA	OXYGEN CONSUMED	FLUORIDE DISSOLVED	SODIUM	SODIUM ABSORPTION RATIO	DISSOLVED
	CO2	N	NO3 & NO2 N	NIIHAIE	N	02	F	NA	· HATIO	V .
	MG L	MG L	MG L	MG L	MG.L	MG L	MG L	MG L	REL UNITS	VG L
SAMPLES	46	.1_	39		9	5	18	47	47	
LOW	0.4	L.5	L.001		L.1	0.8	0.07	0.5	0.02	
HIGH AVERAGE	9.5 2.6	L.5	0.360 0.065		0.1 0.1	7.4 3.4	0.20	3.3 1.6	0.11	
STD.DEV	2.1		0.075		0.0	2.8	0.03	0.6	0.02	
PERCNT:10TH	0.9		L.005		L.1		0.08	1.0	0.04	
25TH	1.3		L.005		L.1	1.7	0.09	1.1	0.04	
MEDIAN 50TH	1.8		0.061		L.1	1.8	0.11	1.4	0.06	
75TH	3.2		0.090		L.1	5.2	0.13	1.9	0.07	
90TH	6.0		0.118		0.1		0.18	2.3	0.08	
HALMUP CODES			J6L				04L			

WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION 00YT09BC0001 FOR PERIOD 13/10/67 TO 02/12/73

LAT. 61° 59' 12" LONG. 132° 26' 54"

PELLY RIVER AT W.S.C. GAUGE NEAR SUSPENSION BRIDGE AT ROSS RIVER, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED	14101L SILICA REACTIVE	15413L PHOSPHORUS TOTAL PHOSPHATE	15363L PHOSPHORUS DISSOLVED INORG. PO4	15255L PHOSPHORUS DISSOLVED ORTHO PO4	16303L SULPHATE DISSOLVED	17203L CHLORIDE DISSOLVED	19103L POTASSIUM DISSOLVED	20103L CALCIUM DISSOLVED	25101L MANGANESE DISSOLVED
SAMPLES LOW HIGH AVERAGE STD.DEV	MG/L	MG L 43 1.2 9.2 5.7 1.4	5 0.010 0.054 0.020 0.019	7 L.001 0.016 0.004 0.006	MG/L 12 L.002 0.010 0.003 0.002	45 16.0 48.9 34.6 8.8	46 L.1 1.2 0.3 0.2	46 0.4 1.3 0.7 0.2	46 21.4 53.7 38.0 8.2	MG/L 11 L.010 0.12 0.02 0.03
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH		4.2 4.9 5.9 6.5 7.1	0.010 0.010 0.016	L.001 L.001 0.005	L.002 L.002 L.002 0.003 0.005	23.2 29.3 34.4 43.1 45.7	0.1 0.2 0.2 0.5 0.6	0.5 0.5 0.6 0.8 1.0	26.5 33.0 37.6 44.1 49.5	L.010 L.01 L.01 L.01 L.010
BACKUP CODES		02L 05L	06L	64L	57L 59L)oı		Mil	04L
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG L	FE MG L	FE MG/L	CO MG/L	NI MG/L	CL MG/L	CL MG :	CL MG L	ZN MC. L	ZN MG 1
SAMPLES LOW HIGH AVERAGE STD.DEV	5 L.01 0.03 0.01 0.01	16 L.001 0.10 0.02 0.02	1 0.38 0.38	1 L.001 L.001	1 0.001 0.001	11 L.001 L.01 0.01	4 L.01 L.01	1 0.001 0.001	11 L.001 0.021 0.008 0.006	4 L.01 L.01
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	L.01 L.01 L.01	L.001 0.010 0.015 0.030 0.030				0.001 0.002 0.003 L.01 L.01	L.01 L.01 L.01		0.003 0.003 L.01 L.01 0.010	L.01 L.01 L.01
BACKUP CODES	04L	J1_	04P			06L	06L		,41	(4)
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG·L	HG UG/L	PB Mo L	PB MG:/L	PB MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	1 0.007 0.007		1 0.0002 0.0002		1 L.001 L.001	0.5 0.5	1 L.05 L.05	11 L.001 L.05 0.02	4 L.01 L.01	1 L.001 L.001
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH								L.001 L.001 0.004 L.05 L.05	L.01 L.01 L.01	
BACKUP CODES								1_	·-	

STATION 00YT09BC0002 FOR PERIOD 05 09 69 TO 26 11 73

LAT 62 ° 49 ' 47 " LONG 136 34 ' 50 "

PELLY RIVER AT WISIC GAUGE AT BRIDGE ON WHITEHORSE MAYO HWY AT PELLY CROSSING, YUKON TERRITORY

	HARDNESS TOTAL	РН	ALKALINITY	ALKALINITY PHENOL- PHTHALEIN	COLOUR	TURBIDITY	SATURATION	STABILITY	SPECIFIC CONDUCT.	CONDUCT
			M.							
SAMPLES	18	18	18	18	:8	1 ,*	15	15	18	1
LOW	63.7	7.6	47	0	L5	0.8	-1.0	6.7	128	185
HIGH	192.	8.4	146	0	70	90.0	0.9	9.6	386	185
AVERAGE	134.	8.0	98	0	17	21.7	0.1	7.8	267	
STD.DEV	40.	0.2	30	0	20	30 8	0.5	0.7	77	
PERCNT:10TH	67.3	7.6	51	0	L5	0.8	-0.5	7.0	138	
25TH	107.	7.7	76	0	5	3.5	-0.1	7.3	212	
MEDIAN 50TH	137.	8.0	104	0	5	7.3	0.2	7.7	281	
75TH	168.	8.2	115	0	20	180	0.4	8.1	329	
90TH	190.	8.3	145	0	60	81 0	0.5	8.8	377	
BACKUP CODE:										
	2023L	10401⊾	1050°E	134511	105510					
	DISSOLVED SOLIDS	NONFILTR.	FIXED NONFILTR.	RESIDUE FILTERABLE	RESIDUE FIXED FILTERABLE	CARBON TOTAL ORGANIC	CARBON TOTAL INORGANIC	CARBON DISSOLVED ORGANIC	BICARBONT. (CALCD.)	(CALCD)
	MG L	MG L	X +	MG L		C MG L	C MG L	C MG L	HCO3 MG L	CO3 MG L
SAMPLES	14	9	9	1	1	4	5		18	18
LOW	74	11	4	128	72	5.0	0.0		58	0
HIGH AVERAGE	209 156	293 81	252 67	128	72	18.0 10.6	26.0 14.3		177 120	0
STD.DEV	40	94	86			5.8	11.1		36	0
PERCNT:10TH	104	11	4						63	0
25TH	128	23	8			6.0	9.3		92	0
MEDIAN 50TH	167	38	33			9.6	11.0		127	0
75TH	177	74	63			15 1	25.0		140	0
90TH	207	293	252						177	0
BACKUP CODES										
	76401L FREE CO2 (CALCD.)	070021 NITROGEN TOTAL	07105L NITROGEN DISSOLVED	NITROGEN DISSOLVED	NITROGEN DISSOLVED	OXYGEN CONSUMED	FLUORIDE DISSOLVED	SODIUM DISSOLVED	SODIUM ABSORPTION	MAGNESIUM DISSOLVED
	CO2	KJELDAHL N	NO3 & NO2	NITRATE	AMMONIA		F	NA	RATIO	М.,
	MG L	MG t	MG L	MG L	MG L	MO L	MG L	MG L	REL UNITS	MG .
SAMPLES	18	1	13		1		8	18	18	
LOW	0.8	L.5	L.005		0.1		0.07	0.7	0.04	
HIGH	5.6	L.5	1.50		0.1		0.79	3.4	0.13	
AVERAGE	2.1		0.19				0.18	2.1	0.08	
STD.DEV	1.4		0 40				0.25	0.9	0.03	
PERCNT:10TH	1.0		L 005					0.8	0.04	
25TH	1 2		0 040				0.09	1.4	0.06	
MEDIAN 50TH	1.6		0.100				0.10	2.1	0.07	
75TH	2.6		0 120				0.11	2.9	0.10	
90TH	5.2		0 150					3.3	0.11	
BACKUP CODES										

STATION 00YT09BC0002 FOR PERIOD 05/09/69 TO 26/11/73

LAT. 62 ° 49 ' 47 " LONG. 136 ° 34 ' 50 "

PELLY RIVER AT W.S.C. GAUGE AT BRIDGE ON WHITEHORSE-MAYO HWY AT PELLY CROSSING, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED	14101L SILICA REACTIVE	15413L PHOSPHORUS TOTAL PHOSPHATE	DISSOLVED INORG. PO4	15255L PHOSPHORUS DISSOLVED ORTHO PO4	16303L SULPHATE DISSOLVED	17203L CHLORIDE DISSOLVED	19103L POTASSIUM DISSOLVED	20103L CALCIUM DISSOLVED	25101L MANGANESE DISSOLVED
	AL MG/L	SIO2 MG/L	P MG/L	P MG/L	P MG/L	SO4 MG/L	CL MG/L	K MG L	CA MG/L	MN MG L
SAMPLES LOW HIGH AVERAGE STD.DEV		15 3.7 10.0 6.9 1.3	1 0.080 0.080	5 L.001 0.006 0.003 0.002	6 L.002 0.003 0.002 0.001	18 16.0 48.5 36.3 10.8	18 0.2 1.0 0.4 0.2	18 0.5 1.1 0.8 0.2	18 18.0 62.8 37.1 12.0	5 L.01 L.01
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH		5.6 6.6 6.9 7.6 7.9		L.001 L.001 0.004	L.002 L.002 0.003	16.6 28.5 40.9 44.5 48.4	0.2 0.2 0.3 0.5 0.8	0.5 0.6 0.8 1.0	20.2 28.9 37.1 44.4 55.8	L.01 L.01 L.01
BACKUP CODES		02L 05L	06L		59L 57L	01L	06L		٠_	04L
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CL MG/L	ZN MG/L	ZN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	2 L.01 L.01	7 L.001 0.060 0.021 0.026	1 0.66 0.66	1 L.001 L.001	1 L.001 L.001	5 L.001 0.003 0.002 0.001	2 L.01 L.01	1 0.003 0.003	5 L.001 0.010 0.006 0.005	2 L.01 L.01
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	L.01	L.001 L.001 L.05				0.001 0.001 0.002	L.01		0.001 0.009 0.009	L.01
BACKUP CODES	04L	04L	04P				06L			04L
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG/L	· PB MG/L	P8 MG L	PB MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	1 0.016 0.016		1 0.0003 0.0003		1 L.001 L.001	1 0.4 0.4	1 L.05 L.05	6 L.001 L.05	1 L.01 L.01	1 L.001 L.001
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH								L.001 L.001 L.001		
BACKUP CODES								+		

STATION 00YT09BC0003 FOR PERIOD 09 07 69 TO 12 09 73

LAT 62 ° 20 ' 22 " LONG 133 ° 22 ' 30 "

ROSE CREEK (NORTH FORK) AT BRIDGE ABOVE ANVIL MINE, FARO YUKON TERRITORY

	HARDNESS TOTAL	РН	ALKALINITY TOTAL	ALKALINITY PHENOL PHTHALEIN	COLOUR	TURBIDITY	SATURATION INDEX	STABILITY	SPECIFIC CONDUCT	2 41 SPECIFIC CONDUCT
	900									
	٠.				REL UNIT					* *
SAMPLES	7	10	9	10	10	10	4	4	1 ()	
LOW	33.0	7.1	26	0	5	0.2	-1.4	8.4	76	
HIGH	76.5	8.2	90	0	60	140.	-0.5	9.9	415	
AVERAGE	63.5	7.7	63	0	23	57.	-0.9	9.2	164	
STD.DEV	16.3	0.4	19	0	20	56	0 4	08	92	
PERCNT:10TH		72	26	0	5	0.6			93	
25TH	48 9	73	56	0	5	16	-13	8.5	127	
MEDIAN 50TH	69.4	7.8	66	0	15	52.0	-0.9	9.2	152	
75TH	76 4	8.0	73	0	40	120	-0.6	9.9	153	
90TH		82	90	0	55	130			289	
BACKUP CÖDES										
	TOTAL DISSOLVED	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED	06001L CARBON TOTAL	CARBON TOTAL	CARBON DISSOLVED	BICARBONT.	CARBONATE (CALCD)
	SOLIDS		NONFILTR.		FILTERABLE	ORGANIC	INORGANIC	ORGANIC		
	· •.*	3.4	12	1,1	MG L	C MG L	MG L	MS L	MG E	MQ F
SAMPLES	4	5	5			3	1	1	9	9
LOW	39	299	283			6.5	6.0	6.3	31	0
HIGH	241	842	827			19.0	6.0	6.3	110	0
	105	558	525			11.2	0.0	0.3	77	0
AVERAGE STD.DEV	93	229	228			6.8			23	0
	50	LLU	220			0.0				
PERCNT:10TH									31	0
25TH	47	409	396						68	0
MEDIAN 50TH	70	490	421			8.0			80	0
75TH	163	748	700						89	0
90TH									110	0
BACKUP CODES										
	06401L FREE CO2 (CALCD.)	07002L NITROGEN TOTAL	07105L NITROGEN DISSOLVED	0"306L NITROGEN DISSOLVED	07551L NITROGEN DISSOLVED	08401L OXYGEN CONSUMED	09108L FLUORIDE DISSOLVED	11133L SODIUM DISSOLVED	SODIUM ABSORPTION	MAGNESIUM DISSOLVED
		KJELDAHL N	NO3 & NO2	NITRATE	AMMONIA .				RATIO	AM ,
		MGL	MG L	MG L	1,1				REL UNITS	VS.
SAMPLES	9		4					4	4	2
LOW	0.9		L.001					1.1	0.07	5.0
HIGH	11.0		L.005					8.9	0.29	9.2
AVERAGE	3.2							3.2	0.13	7.1
STD.DEV	3.5							3.8	0.11	3.0
DEDCNIT-40TH	0.0									
PERCNT:10TH	0 9		1 002					1 1	0.00	
25TH			L 003					1 1	0.08	7.4
MEDIAN SOTH	1.6		L.005					1.4	0.08	7.1
75TH	29		L 005					5 3	0.19	
90TH	110									

BACKUP CODE

STATION 00YT09BC0003 FOR PERIOD 09/07/69 TO 12/09/73

LAT. 62° 20' 22" LONG. 133° 22' 30"

ROSE CREEK (NORTH FORK) AT BRIDGE ABOVE ANVIL MINE, FARO, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED AL MG/L	14101L SILICA REACTIVE SIO2 MG/L	15413L PHOSPHORUS TOTAL PHOSPHATE P MG/L	15363L PHOSPHORUS DISSOLVED INORG. PO4 P MG/L	15255L PHOSPHORUS DISSOLVED ORTHO PO4 P MG/L	16303L SULPHATE DISSOLVED SO4 MG/L	17203L CHLORIDE DISSOLVED	19103L POTASSIUM DISSOLVED	20103L CALCIUM DISSOLVED CA MG-L	25101L MANGANESE DISSOLVED MN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV		7.4 9.6 8.4 0.9		1 0.004 0.004	1 L.002 L.002	9 6.1 112. 19. 35.	4 0.1 0.8 0.5 0.3	4 0.1 1.3 0.8 0.5	5 12.5 55.0 26.8 16.6	
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH		7.7 8.3 9.1				6.1 7.1 7.8 8.7 112.	0.2 0.5 0.7	0.4 0.8 1.2	17.4 23.9 25.0	
BACKUP CODES		02L							01L	
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	ZN MG L	ZN MG/L
SAMPLES	7		11				4	7		4
LOW	0.02		0.120				0.004	0.003		0.03
HIGH	0.51 0.20		18.0 3.5				0.03	0.21		0.12
AVERAGE STD.DEV	0.16		5.3				0.01	0.07		0.04
PERCNT:10TH			0.19					0.007		
25TH MEDIAN 50TH	0.11 0.15		0.260 1.50				L.01 L.01	0.007 0.017		0.03 0.04
75TH 90TH	0.27		5.30 5.68				0.02	0.02		0.08
BACKUP CODES			04P 02L				C6L	JeP		04L
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG L	13 3	PB MG L	ΦB	PB MC L
SAMPLES	7	4		1			1		4	7
LOW	0.03	L.005		L.01			L.05		L.01	0.011
HIGH	0.57	0.005		L.01			L.05		0.65 0.17	4.10 0.60
AVERAGE STD.DEV	0.13 0.20	0.005 0.000							0.32	1.54
PERCNT:10TH	0.04	1 005							0.01	0.015
25TH MEDIAN 50TH	0.04 0.04	L.005 L.005							0.011	0.015
75TH	0.11	0.005							0.33	0.032
90TH										
BACKUP CODES	04P								01L	01P

STATION 00YT09BC0004 FOR PERIOD 09 07 69 TO 31 10 73

LAT 62 ° 20 ' 3" LONG 133 ° 23 ' 22 "

ROSE CREEK, FRESHWATER AT ANVIL MINE PUMPHOUSE, FARO, YUKON TERRITORY

	HARDNESS TOTAL	РН	ALKALINITY TOTAL	ALKALINITY PHENOL- PHTHALEIN	COLOUR	TURBIDITY	SATURATION INDEX	STABILITY	SPECIFIC CONDUCT.	SPE IFIC CONDUCT
	MG L	PH UNITS	A. O3 MG L	CACO3 MG L	REL JN TS	JTU	PH UNITS	PH .1, *5	U5 V	1,0
SAMPLES	13	18	17 24	18	18	17	9	9	18 52	v.
LOW	260.	8.0	228	0	120	7.0	0.8	11.1	475	
AVERAGE	75.	7.6	64	0	24	2.1	-0.8	9.0	147	
STD.DEV	61.	0.3	49	0	27	1.9	0.9	1.4	98	
PERCNT:10TH	37.3	7.0	33	0	10	0.4	-2.2	6.4	78	
25TH	43.4	7.5	38	.0	10	1.0	-1.5	8.2	90	
MEDIAN 50TH 75TH	46.6 96.6	7.7 7.8	42 87	0 0	15 30	1.1 3.4	-0.7 -0.3	9.1 10.1	105 204	
90TH	105.	8.0	101	0	60	5.0	0.8	11.1	220	
		0.0				0.0	0.0			
BACKUP CODES										
	00203L	10401L	10501L	10451L	10651L	06001L	060511	06101L	062.,	e4 t_
	DISSOLVED SOLIDS	NONFILTR.	FIXED NONFILTR	RESIDUE FILTERABLE	FIXED FILTERABLE	TOTAL ORGANIC	TOTAL INORGANIC	CARBON DISSOLVED ORGANIC	(CALCD.)	(CALCD.)
	(CALCD)	MG L	MG L	MG L	MG L	C MG L	C MG L	C MG L	нсоз	503
	MG L			MG L	MG L				MGC	M(i .
SAMPLES	9 31	1	1 16			8 2.0	3 8.0	4 3.0	17 30	17
LOW	278	27 27	16			18.5	46.0	18.5	278	0
AVERAGE	93					7.9	23.7	7.5	78	0
STD.DEV	76					5.6	19.9	7.4	60	0
PERCNT:10TH	31								40	0
25TH	48					3.7		3.6	46	0
MEDIAN 50TH	72					6.0	17.0	4.2	51	0
75TH	104 278					11.5		11.4	106	0
90TH	2/0								123	0
BACKUP CODES										
	06401L FREE CO2 (CALCD.)	07002L NITROGEN TOTAL	07105L NITROGEN DISSOLVED	07306L NITROGEN DISSOLVED	07551L NITROGEN DISSOLVED	08401L OXYGEN CONSUMED	09105L FLUORIDE DISSOLVED	11163L SODIUM DISSOLVED	112012 SODIUM ABSORPTION	MAGNESIUM DISSOLVED
		KJELDAHL	NO3 & NO2	NITRATE	AMMONIA				RATIO	DIBSOLVED
	CO2 MG L	N MG L	N MG L	N MG L	N MG L	O2 MG L	F MG L	NA MG L	REL UNITS	V 3
SAMPLES	17	1410 5	10	MIG E	WIG L		2	10	10	4
LOW	1.1		L.005				0.12	0.2	0.02	1.6
HIGH	9.4		0.650				0.12	8.3	0.22	5.4
AVERAGE	3.2		0.093				0.17	2.2	0.10	3.6
STD.DEV	2.4		0.198				0.06	2.3	0.05	1 6
PERCNT:10TH	1.3		L.005					0.6	0.04	
25TH	1.6		L.005					1.0	0.07	24
MEDIAN 50TH	2.3		0.028				0.17	1.6	0.09	3.6
75TH	3.3		0.059					2.3	0.10	4 7
90TH	7.9		0.375					5.8	0.18	
HA KUP CODES			061							

STATION 00YT09BC0004 FOR PERIOD 09/07/69 TO 31/10/73

LAT. 62 ° 20 ' 3 " LONG. 133 ° 23 ' 22 "

ROSE CREEK, FRESHWATER AT ANVIL MINE PUMPHOUSE, FARO, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED	14101L SILICA REACTIVE	15413L PHOSPHORUS TOTAL PHOSPHATE	15363L PHOSPHORUS DISSOLVED INORG. PO4	15255L PHOSPHORUS DISSOLVED ORTHO PO4	16303L SULPHATE DISSOLVED	17203L CHLORIDE DISSOLVED	19103L POTASSIUM DISSOLVED	20103L CALCIUM DISSOLVED	25101L MANGANESE DISSOLVED
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	M
SAMPLES LOW HIGH AVERAGE STD.DEV		10 4.5 27.5 9.9 6.7		3 L.001 L.001	3 L.002 L.002	16 3.4 35.2 8.8 7.4	10 L.1 1.3 0.6 0.5	10 0.3 3.5 1.1 0.9	11 9.10 76.6 24.4 19.1	1 0.13 0.13
PERCNT:10TH 25TH MEDIAN 50TH 75TH		4.7 5.5 8.1 11.0		L.001	L.002	4.8 5.5 6.6 9.6	0.2 0.2 0.5 0.9	0.5 0.6 1.0	10.0 14.8 15.8 30.0	
90TH		19.5				11.3	1.3	2.6	32.4	
BACKUP CODES		02L				01L			01L 02L	04L
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN	FE	FE MG/L	CO	NI	CU	CU	CU	ZN	2N
SAMPLES LOW	MG/L 10 L.01	MG/L 1 0.040	18 0.060	MG/L	MG/L	MG/L 1 0.004	9 0.004	MG/L 9 L.001	MG-L 2 0.009	8 0.012
HIGH AVERAGE STD.DEV	0.19 0.05 0.06	0.040	1.00 0.33 0.27			0.004	0.03 0.01 0.01	0.04 0.01 0.01	0.01 0.01 0.00	1.60 0.23 0.55
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	0.01 0.02 0.03 0.08 0.14		0.07 0.180 0.25 0.40 0.900				0.004 L.01 L.01 L.01 0.03	L.001 0.001 0.003 0.004 0.04	0.01	0.02 0.03 0.08
BACKUP CODES			02L 04P 04L				06L	06P	04L	04L
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG/L	PB • MG/L	PB MG L	PR MS.
SAMPLES	9	6		2			1	1	7	9
LOW	L.001	L.005		L.01			0.19	L.001	0.008	L.001
HIGH AVERAGE STD.DEV	0.11 0.03 0.04	0.007 0.006 0.001		L.01			0.19	L.001	0.080 0.028 0.032	0.06 0.02 0.02
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	L.001 L.001 0.006 0.07 0.11	L.005 0.006 0.006		L.01					L.01 0.010 0.070	L.001 L.001 0.007 0.010 0.06
BACKUP CODES	04P								01L	

STATION 00YT09BC0005 FOR PERIOD 09 10 69 TO 12 09 73

LAT 62 21 2 LONG 133 26 38 "

ROSE CREEK AT END OF OLD TRAIL BELOW ANVIL MINES TAILINGS POND, FARO YUKON TERRITORY

1603L 10301L 10101L

	HARDNESS TOTAL	PH	ALKALINITY	PHENOL- PHTHALEIN	COLOUR	TURBIDITY	SATURATION	STABILITY	SPECIFIC CONDUCT.	SPECIFIC
	CACO3 MG L	PH UNITS	CACO3 MG L	CACO3 MG L	REL UNITS	JTU	PH UNITS	PH UNITS	US CM	* *
SAMPLES	7	13	12	12	13	12	6	6	13	
LOW	76.0	5.6	23	0	L5	1.0	-2.1	7.7	85	
HIGH	182.	8.1	118	0	120	72.0	-0.1	10.9	589	
AVERAGE	100.	7.4	64	0	26	24.1	-0.8	9.0	270	
STD.DEV	37.	0.7	25	0	30	26.8	0.8	1.3	159	
PERCNT:10TH		6.8	37	0	5	1.2			102	
25TH	79.7	7.3	47	0	13	3.9	-1.5	8.2	193	
MEDIAN SOTH	89.6	7.6	70	0	20	11.0	-0.4	8.5	225 320	
75TH	100.	7.8 7.9	74 77	0	20 40	46.0 68.0	-0.2	10.3	526	
90TH		7.9	//	0	40	00.0			320	
BACKUP CODES										
	00203L	10401L	10501L	10451L	10551L	06001L	06051L	06101L	06201L	16311
	TOTAL	RESIDUE NONFILTR.	RESIDUE	RESIDUE FILTERABLE	RESIDUE	TOTAL	CARBON TOTAL INORGANIC	CARBON DISSOLVED ORGANIC	BICARBONT. (CALCD.)	(CALCD.)
	(CALCD)		NONFILTR.		FILTERABLE	ORGANIC	C	C	HCO3	
	MG L	MG/L	MG L	MG 'L	MG L	MG L	MG L	MG L	MG L	MG C
SAMPLES	6	5	5			6	1	4	11	11
LOW	42	118	85			4.4	24.0	3.4	28	0
HIGH	333	474	434			17.0	24.0	15.0	94	0
AVERAGE	144	275	247			9.6		9.2	72	0
STD.DEV	107	141	140			5.3		5.6	22	0
PERCNT:10TH									45	0
25TH	59	168	150			6.0		4.5	46	0
MEDIAN 50TH	120	282	234			7.4		9.3	84	0
75TH	191	334	333			15.5		14.0	88	0
90TH									91	0
BACKUP CODES										
	06401L	07002L	07105L	C7306L	07551L	08401L	09105L	11103L	11291_	121320
	(CALCD.)	TOTAL KJELDAHL	NITROGEN DISSOLVED NO3 & NO2	DISSOLVED NITRATE	DISSOLVED AMMONIA	OXYGEN	FLUORIDE DISSOLVED	DISSOLVED	SODIUM ABSORPTION FIATIO	DISSOLVED
	CO2	N	N	N	N	02	F	NA		4,4
	MG L	MG L	MG L	MG L	MG L	MG L	MG L	MG L	REL UNITS	\ /
SAMPLES	12		7				1	7	6	4
LOW	1.1		L.005				0.21	1.0	0.07	2.2
HIGH AVERAGE	7.2 3.5		0.150 0.047				0.21	42.0 9.4	1.35 0.38	6.0 4.0
STD.DEV	2.2		0.056					14.6	0.48	2.0
PERCNT:10TH	1.3									
25TH	2.0		L.005					2.4	0.15	23
MEDIAN 50TH	2.7		0.010					3.4	0.20	4.0
75TH	5.2		0.079					9.0	0.33	58
90TH	7.0									
BACKUP COLES										

STATION 00YT09BC0005 FOR PERIOD 09/10/69 TO 12/09/73 LAT. 62 ° 21 ' 2" LONG. 133 ° 26 ' 38 "

ROSE CREEK AT END OF OLD TRAIL BELOW ANVIL MINES TAILINGS POND, FARO, YUKON TERRITORY

SAMPLES LOW HIGH AVERAGE STD.DEV PERCNT:10TH 25TH MEDIAN 50TH	13101L ALUMINUM DISSOLVED AL MG/L	14101L SILICA REACTIVE SIO2 MG/L 7 4.0 9.6 7.3 2.1	15413L PHOSPHORUS TOTAL PHOSPHATE P MG/L	15363L PHOSPHORUS DISSOLVED INORG. PO4 P MG/L 1 0.008 0.008	15255L PHOSPHORUS DISSOLVED ORTHO PO4 P MG/L 1 L.002 L.002	16303L SULPHATE DISSOLVED S04 MG/L 12 3.0 149. 46. 38. 15.8 23.8 39.3	17203L CHLORIDE DISSOLVED CL MG/L 7 0.4 9.0 2.5 3.2 0.7 0.8	19103L POTASSIUM DISSOLVED A 7 0.4 2.1 1.2 0.6	20103L CALCIUM DISSOLVED CA MG/L 8 12.4 57.5 29.0 16.2	25101L MANGANESE DISSOLVED MN MG/L
75TH 90TH		9.4				50.2 77.7	4.4	1.9	38.6	
BACKUP CODES		02L				01L			01L	
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CL MG/L	ZN MG/L	ZN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	7 L.01 2.10 0.53 0.72	1 0.290 0.290	13 0.080 7.20 1.70 2.10			1 0.006 0.006	7 L.01 0.68 0.27 0.26	6 0.001 0.02 0.01 0.01	1 0.006 0.006	7 0.03 0.450 0.101 0.154
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	0.03 0.36 0.49		0.12 0.36 0.750 2.60 4.20				0.020 0.17 0.50	0.005 0.014 0.02		0.04 0.04 0.06
BACKUP CODES	04L		02L 04P				06L	C6P		04L
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HC.	PB MG/L	PB MG/L	PB MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	6 0.018 0.06 0.05 0.02	3 L.005 L.005		1 L.01 L.01				0.006 0.006	5 0.014 0.200 0.067 0.076	6 0.002 0.13 0.06 0.05
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	0.04 0.05 0.06	L.005							0.03 0.040 0.050	0.021 0.06 0.08
BACKUP CODES	04P								01L	01P

STATION 00YT09BC0006 FOR PERIOD 06 02 73 TO 31 10 73

LAT 62 ° 21 ' 41" LONG 133 ° 25 ' 38"

MATRUP CODE

ROSE CREEK BELOW ANVIL MINES TAILINGS POND NEAR AIR STRIP FARO YUKON TERRITORY

	HARDNESS TOTAL	PH	ALKALINITY TOTAL	ALKALINITY PHENOL- PHTHALEIN	COLOUR	TURBIDITY	SATURATION INDEX	STABILITY INDEX	SPE IFIC	CONDUCT
	8/15 L	PH JN	-							.M
SAMPLES	8	7	8	7	7	7			*5	
LOW	50.0	7.5	37	0	10	1.7	-0.2	8.0	152	
HIGH	172.	8.2	104	0	30	90.0	-0.2	8.0	585	
AVERAGE	93.	7.9	71	0	17	41.2			308	
STD.DEV	36.	0.3	20	0	8	3/7			10/3	
PERCNT:10TH										
25TH	77.7	7.6	61	0	10	123			197	
MEDIAN 50TH	83.9	7.9	71	0	20	39.0			239	
75TH	98.	8.1	81	0	20	675			427	
90TH										
RACKUP CODES										
	00503F	104011	10501L	10451L	105511	6.71	in "n1"	.6101.	r2 1	P, 4 1 =
	TOTAL	RESIDUE	RESIDUE	RESIDUE	RESIDUE	CARBON	CARBON	CARBON	BICARBONT	CARBONATI
	DISSOLVED	NONFILTR.	FIXED NONFILTR.	FILTERABLE	FIXED	ORGANIC	INORGANIC	DISSOLVED	(CALCD.)	(CALCD)
	MG L	MG L	MG L	MG L	MG L	MG L	MG L	MG L		٧.
SAMPLES	2	6	6			2	2		T	7
LOW	81	9	3			5.0	9.0		67	0
HIGH	321	363	332			12.0	21.0		127	0
AVERAGE	201	194	175			8.5	15.0		92	0
STD.DEV	170	125	121			4.9	8.5		20	0
PERCNT:10TH										
25TH		142	132						82	0
MEDIAN 50TH	201	174	143			8.5	15.0		87	0
75TH		302	295						109	0
90TH										
BACKUP CODES										
	26401L	070021	37105L	C7336L	07551_	84 1	الراء المار		1 .) ^ 1	12132
	FREE CO2	NITROGEN	NITROGEN	NITROGEN	NITROGEN	OXYGEN	FLUORIDE	SODIUM	SODIUM	MAGNESIUN
	(CALCD.)	TOTAL KJELDAHL	NO3 & NO2	DISSOLVED	DISSOLVED	CONSUMED	DISSOLVED	DISSOLVED	ABSORPTION	DISSOLVED
	CO2	N	N	N	N			,		**
0.4451.50	MG L	MG L	MG L	MG L	MG L	N⁴O L				
SAMPLES	7		2 0.070				0.21	2	2 0.53	
LOW	1.1 6.4		0.070				0.21	8.6 40.2	1.33	
AVERAGE	2.3		0.165				0.21	24.4	0.93	
STD.DEV	1.9		0.134					22.3	0.33	
PERCNT:10TH										
25TH	1.1									
MEDIAN 50TH	1.4		0.165					24.4	0.93	
75TH	3.2								3.00	
90TH										

STATION 00YT09BC0006 FOR PERIOD 06/02/73 TO 31/10/73 LAT. 62 ° 21 ' 41 " LONG. 133 ° 25 ' 38 "

ROSE CREEK BELOW ANVIL MINES TAILINGS POND NEAR AIR STRIP, FARO, YUKON TERRITORY

SAMPLES LOW HIGH AVERAGE STD.DEV	13101L ALUMINUM DISSOLVED AL MG/L	14101L SILICA REACTIVE SIO2 MG/L 2 6.7 9.4 8.1 1.9	15413L PHOSPHORUS TOTAL PHOSPHATE P MG/L	15363L PHOSPHORUS DISSOLVED INORG. P04 P MG/L 2 0.003 0.004 0.004 0.001	15255L PHOSPHORUS DISSOLVED ORTHO PO4 P MG/L 2 L.002 L.002	16303L SULPHATE DISSOLVED SO4 MG/L 8 29.4 153. 58. 40.	17203L CHLORIDE DISSOLVED 2 0.7 1.0 0.9 0.2	POTASSIUM DISSOLVED MC 2 1.1 1.8 1.5 0.5	20103L CALCIUM DISSOLVED CA MG/L 3 17.8 53.5 32.5 18.7	25101L MANGANESE DISSOLVED MN MG/L
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH BACKUP CODES		8.1		0.004	L.002	36.5 49.4 56.9	0.9	1.5	26.2	
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
SAMPLES LOW HIGH AVERAGE STD.DEV	MN MG/L 8 0.30 2.20 0.63 0.64	FE MG/L	FE MG/L 8 0.50 16.0 4.4 5.0	CO MG/L	NI MG/L	CU MG/L	CU MG/L 1 0.010 0.010	7 0.003 0.23 0.04 0.08	ŽN MG∕L	1 0.15 0.15
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	0.37 0.40 0.52		1.31 2.95 4.90					0.006 0.012 0.02		
BACKUP CODES	30305P	33103L	04P 04L 42302P	47301P	48302P	56301P	80311P	06P 82103L	82302L	04L 82302P
	ZINC EXTRBLE. ZN MG/L	ARSENIC DISSOLVED AS MG/L	MOLYBDENUM EXTRBLE. MO MG/L	SILVER EXTRBLE. AG MG/L	CADMIUM EXTRBLE. CD MG/L	BARIUM EXTRBLE. BA MG/L	MERCURY EXTRBLE.	DISSOLVED PR MD	EXTRBLE. PB MG/L	EXTRBLE.
SAMPLES LOW HIGH AVERAGE STD.DEV	7 0.05 0.48 0.13 0.16	5 L.005 0.010 0.006 0.002		1 L.01 L.01			0.19 0.19		1 0.18 0.18	7 0.009 3.20 0.51 1.19
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	0.05 0.06 0.17	L.005 0.005 0.007								0.021 0.08 0.12
BACKUP CODES	04P									٠.

STATION 00YT09BC0007 FOR PERIOD 05 06 73 TO 13 08 73

LAT. 62° 19' 33" LONG 133° 21' 0"

ROSE CREEK AT INFLOW INTO ANVIL MINES RESERVOIR FARO, YUKON TERRITORY

	HARDNESS TOTAL	2 H	ALKALINITY TOTAL	ALKALINITY PHENOL- PHTHALEIN	COLOUR	TURBIGHTY	SATURATION INDEX	STABILITY INDEX	02041L SPECIFIC CONDUCT.	020415 SPECIFIC CONDUCT
				MILL				PH JN TS	us / M	US. 4,0
							1			0, ,
SAMPLES	5	5	5	5 0	5 5	5		10.0	5 47	
LOW	21.9 38.1	7.5 7.8	20 34	0	30	0.1 2.3	-1.6 -1.6	10.8 10.8	79	
HIGH	31.6	7.6	29	0	13	0.9	-1.0	10.0	66	
STD.DEV	6 1	0.1	6	0	10	0.3			12	
	0 1	0 1	O		10				1.2	
PERCNT:10TH						0.0				
25TH	30 6	7 5	27	0	8	0.5			63	
MEDIAN 50TH	32.5	7.7	30	0	10	0.6			68	
75TH	34.9	7.7	32	0	10	0 8			74	
90TH										
BACKUP CODES										
	CALCD	10401L RESIDUE NONFILTR.	13501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	RESIDUE FIXED FILTERABLE	J6001L CARBON TOTAL ORGANIC C	CARBON TOTAL INORGANIC	26101L CARBON DISSOLVED ORGANIC C	06201L BICARBONT. (CALCD.)	CARBONATE (CALCD.)
	MGL	MG L	MG L	MG L	MG L	MG L	MG L	MG L	MG L	MGC
SAMPLES	1					1	4		5	5
LOW	26					8.0	4.0		24	0
HIGH	26					8.0	4.0		42	0
AVERAGE									35	0
STD.DEV									7	0
PERCNT:10TH 25TH									33	0
MEDIAN 50TH 75TH 90TH									37 39	0
BACKUP CODES										
	06401L FREE CO2 (CALCD.)	07002L NITROGEN TOTAL KJELDAHL	07105L NITROGEN DISSOLVED NO3 & NO2	07906L NITROGEN DISSOLVED NITRATE	07551L NITROGEN DISSOLVED AMMONIA	08401L OXYGEN CONSUMED	09105L FLUORIDE DISSOLVED	11103L SODIUM DISSOLVED	11201L SODIUM ABSORPTION RATIO	12102. MAGNESIUM DISSOLVED
	MG L	MG L	MG L	MG L	MG L	MG L	1.7	MG L	REL UNITS	MG L
SAMPLES	5		1					1	1	
LOW	1.0		0.010					1.0	0.09	
HIGH	1.6		0.010					1.0	0.09	
AVERAGE	1.2									
STD.DEV	0.2									
PERCNT:10TH										
25TH	12									
MEDIAN 50TH	1.2									
75TH	12									
90TH										
BACKUP CODES			ort							

STATION 00YT09BC0007 FOR PERIOD 05/06/73 TO 13/08/73 LAT. 62 ° 19 ' 33 " LONG. 133 ° 21 ' 0 "

ROSE CREEK AT INFLOW INTO ANVIL MINES RESERVOIR, FARO, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED AL MG/L	14101L SILICA REACTIVE SIO2 MG/L	15413L PHOSPHORUS TOTAL PHOSPHATE P MG/L	15363L PHOSPHORUS DISSOLVED INORG. PO4 P MG/L	15255L PHOSPHORUS DISSOLVED ORTHO PO4 P MG/L	16303L SULPHATE DISSOLVED SO4 MG/L	17203L CHLORIDE DISSOLVED	19103L POTASSIUM DISSOLVED K MG/L	20103L CALCIUM DISSOLVED	25101L MANGANESE DISSOLVED MN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV		1 6.1 6.1		1 L.001 L.001	1 L.002 L.002	5 3.8 6.3 4.7 1.0	1 0.5 0.5	1 0.5 0.5	2 7.6 11.0 9.3 2.4	
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH						4.1 4.3 4.9			9.3	
BACKUP CODES		02L							01L	
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	ZN MG L	ZN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	5 L.01 0.02 0.01 0.00		5 0.07 0.69 0.22 0.27					5 L.001 L.01 0.00		
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	L.01 L.01 L.01		0.08 0.10 0.14					L.001 L.001 0.002		
BACKUP CODES			04P					06P		
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG/L	PB MG/L	PB MG/L	PB MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	5 L.001 L.01 0.00 0.00	3 L.005 L.005		1 L.01 L.01			1 0.10 0.10			5 L.001 L.01 0.00 0.00
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	L.001 0.001 0.005	L.005								L.001 L.001 0.004
BACKUP CODES	04P									01P

WATER QUALITY DATA 1961 1973 SEMMARY

STATION 00YT09BC0008 FOR PERIOD 15 03 73 TO 03 12 73

LAT 63 ° 13 ' 20 " LONG 133 ° 22 ' 40 "

PELLY RIVER BELOW VANGORDA CREEK YUKON TERRITORY

	166031	103016	101011	101516	02111L	02.7%				
	HARDNESS TOTAL	PH	TOTAL	PHENOL- PHTHALEIN	COLOUR	TURBIDITY	SATURATION	STABILITY	CONDUCT.	CONDUCT
		Ph. 1 77	CA1 03	CAL OB	F1F 1 - 1 - 1 - 1		PH NTS	A, ' '	1,1	, ,,
	MG L	PH UNITS	MG L	MG L	REC UNITS	JTU				or. M
SAMPLES	6	6	6	6	5	6	2	2	6	1
LOW	61.0	7.7	46	0	5	0.6	-0.5	7.0	122	195
HIGH	180.	8.2	128	0	20	69.0	0.5	8.8	389	195
AVERAGE	109.	8.0	81	0	10	15.4	0.0	7.9	222	
STD.DEV	40.	0.2	27	0	7	27.1	0.7	1.3	90	
PERCNT:10TH										
25TH	91.2	7.7	69	0	5	0.7			184	
MEDIAN 50TH	104.	8.0	78	0	5	2.1	0.0	7.9	206	
75TH	114.	8.2	86	0	15	18.0			223	
90TH										
BACKUP CODE"										
	00203L	10401L	10501L	10451L	10551L	06001L	06°51L	061010	6201E	06 r 1
	TOTAL DISSOLVED SOLIDS	NONFILTR.	RESIDUE FIXED NONFILTR.	RESIDUE FILTERABLE	RESIDUE FIXED FILTERABLE	CARBON TOTAL ORGANIC	CARBON TOTAL INORGANIC	CARBON DISSOLVED ORGANIC	(CALCD.)	(CALCD)
	(CALCD)					С	C	С	H 03	CO
	MGL	MG/L	MG/L	MG L	MG L	MG L	MG L	MC; c	5,4 3 L	MG.
SAMPLES	2	2	2			1	1		6	6
LOW	67	24	12			12.0	10.5		56	0
HIGH	201	94	74			12.0	10.5		156	0
AVERAGE	134	59	43						98	0
STD.DEV	95	49	44						33	0
PERCNT:10TH										
25TH									84	0
MEDIAN 50TH	134	59	43						95	0
75TH									105	0
90TH										
BACKUP CODES										
	[6401L	07902L	07105L	07396L	07551L	08401L	09135L	111034	11201L	12112
	(CALCD.)	NITROGEN TOTAL KJELDAHL	NITROGEN DISSOLVED NO3 & NO2	NITROGEN DISSOLVED NITRATE	NITROGEN DISSOLVED AMMONIA	OXYGEN	FLUORIDE DISSOLVED	SODIUM	SODIUM ABSORPTION RATIO	MAGNESIUM DISSOLVED
	COS	N	N	N	N	02	F	NA		5/1 2
	MG L	MG L	MG L	MG L	MG L	MG L	MG L	MG .	1.	Max -
SAMPLES	6	.1_	1				2	6	6	
LOW	0.8	L.5	0.070				0.05	0.7	0.04	
HIGH	3.3	L.5	0.070				0.09	2.4	0.08	
AVERAGE	1.9						0.07	1.4	0.06	
STD.DEV	1.1						0.03	0.6	0.02	
PERCNT:10TH										
25TH	1.0							1.0	0 04	
MEDIAN 50TH	1.8						0.07	1.2	0.05	
75TH 90TH	2.7							1.7	0.07	
HALKUP CODES			06L							

STATION 00YT09BC0008 FOR PERIOD 15/03/73 TO 03/12/73 LAT. 63 ° 13 ' 20 " LONG. 133 ° 22 ' 40 "

PELLY RIVER BELOW VANGORDA CREEK, YUKON TERRITORY

13101L ALUMINUM DISSOLVED AL MG/L	14101L SILICA REACTIVE SIO2 MG/L 3 4.3 6.8 5.5 1.3	TOTAL	DISSOLVED	15255L PHOSPHORUS DISSOLVED ORTHO PO4 P MG/L	16303L SULPHATE DISSOLVED SO4 MG/1 6 14.0 52.1 28.0 13.0	17203L CHLORIDE DISSOLVED 6 0.2 1.0 0.6 0.3	19103L POTASSIUM DISSOLVED K MG 'L 6 0.5 1.0 0.6 0.2	20103L CALCIUM DISSOLVED CA MG L 6 21.2 63.6 33.7 15.3	25101L MANGANESE DISSOLVED MN MG. L
	5.4				25.3 29.1	0.6 0.6	0.6 0.7	29.3 32.4	
	05L 02L	06L				06L		01L	
25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	Mr _	CU MG/L	ZN MG/L	ZN MG/L
1 0.03 0.03		1 0.49 0.49	1 L.001 L.001	1 0.001 0.001			1 0.002 0.002		
		04P							
30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE	82103L LEAD DISSOLVED	82302L LEAC EXTRESE	82302P LEAD EXTRBLE.
ZN MG·L 1 0.007 0.007	AS MG/L	MO MG/L 1 0.300 0.300	AG MG/L	CD MG/L 1 L.001 L.001	BA MG L 1 0.4 0.4	HG UG L 1 L.05 L.05	PB MG/L	PB MG∵L	PB MG/L 1 L.001 L.001
	25304P MANGANESE EXTRBLE. MN MG/L 1 0.03 0.03 30305P ZINC EXTRBLE. ZN MG/L 1 0.007	ALUMINUM DISSOLVED AL SIO2 MG/L 3 4.3 6.8 5.5 1.3 5.4 5.4 05L 02L MN GAL BOND DISSOLVED MN MG/L 1 0.03 0.03 30305P 33103L ARSENIC EXTRBLE. DISSOLVED ZN AS MG/L 1 0.007	ALUMINUM DISSOLVED	ALUMINUM DISSOLVED	ALUMINUM DISSOLVED REACTIVE PHOSPHORUS TOTAL DISSOLVED DISSOLVED ORTHO PO4 P P P MG/L	ALUMINUM DISSOLVED	AL	ALUMINUM DISSOLVED	ALUMINUM DISSOLVED DISSOLVED D

WATER QUALITY DATA 1961 1973 SUMMARY

STATION 00YT09CA0001 FOR PERIOD 02 03 73 TO 20 08 73

HAL MUP CODES

LAT 61° 27' 8" LONG 139° 30' 56"

NICKEL CREEK ABOVE HUDSON-YUKON MINE WATER OUTFALL, YUKON TERRITORY

	HARDNESS TOTAL	10 (01L PH	12161L ALKALINITY TOTAL	ALKALINITY PHENOL- PHTHALEIN	02 111L COLOUR APPARENT	02173L TURBIDITY	SATURATION INDEX	STABILITY INDEX	SPECIFIC CONDUCT.	SPECIFIC CONDUCT
				CA 03						
	VG L	PH NITS	MG L	Maria L	REC JAITS	JTU	PH .N. TS	PH .", "5	J W	175 1,0
SAMPLES	6	6	6	4	6	6	2	2	6	
LOW	81.5	7.8	54	0	5	0.3	0.0	6.3	157	
HIGH	320.	8.3	148	0	15	0.9	1.0	8.1	565	
AVERAGE	142.	8.0	79	0	8	0.5	0.5	7.2	268	
STD.DEV	89.	0.2	35	0	5	0.2	0.7	1.3	150	
PERCNT:10TH										
25TH	90.6	7.9	60	0 .	5	0.3			177	
MEDIAN 50TH	115.	8.0	68	0	5	0.4	0.5	7.2	229	
75TH	128.	8.1	77	0	15	0.6			254	
90TH										
BACKUP CODES										
	TOTAL DISSOLVED SOLIDS	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	CARBON TOTAL ORGANIC	06051L CARBON TOTAL INORGANIC	CARBON DISSOLVED ORGANIC	36231L BICARBONT. (CALCD.)	CARBONATI (CALCD.)
	iCALCD)		NONFILTE.		FILTERABLE	C	C	C	нсоз	
	MG L	MG L	MG L	MG L	MG L	MG L	MG L	MG L	MG L	MG L
SAMPLES	2					1	1		4	4
LOW	110					L.5	32.0		65	0
HIGH	382					L.5	32.0		94	0
AVERAGE	246						00		80	0
STD.DEV	192								14	0
PERCNT:10TH									00	
25TH	0.46								69	0
MEDIAN 50TH	246								81	0
75TH 90TH									92	0
90111										
BAUKUP CODES										
	J6401L FREE CO2	07002L NITROGEN	07105L NITROGEN	07306L NITROGEN	07651L NITROGEN	08401L OXYGEN	09135L FLUORIDE	11108L SODIUM	11201L SODIUM	121 20 MAGNESIUM
	(CALCD.)	TOTAL	DISSOLVED	DISSOLVED	DISSOLVED	CONSUMED	DISSOLVED	DISSOLVED	ABSORPTION	DISSOLVED
	COS	KJELDAHL	NO3 & NO2	NITRATE	AMMONIA		F		RATIO	
	MG L	N MG L	N MG L	N MG L	MG L	O2 MG L	F MG L	MG L	REL UNITS	MG MG .
0.4401.00										14.67
SAMPLES	6		0.220				1	2	2	
LOW	0.9		0.220				L.05	1.4	0.06	
HIGH	1.9		0.220				L.05	4.6	0.11	
AVERAGE	1.5							3.0	0.09	
STD.DEV	0.4							2.3	0.04	
PERCNT:10TH										
25TH	1.3									
MEDIAN 50TH	1.4							3.0	0.09	
75TH	1.8									
90TH										

STATION 00YT09CA0001 FOR PERIOD 02/03/73 TO 20/08/73

LAT. 61° 27' 8" LONG. 139° 30' 56"

NICKEL CREEK ABOVE HUDSON-YUKON MINE WATER OUTFALL, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED	14101L SILICA REACTIVE	15413L PHOSPHORUS TOTAL PHOSPHATE P	DISSOLVED INORG. PO4	DISSOLVED ORTHO PO4	16303L SULPHATE DISSOLVED	17203L CHLORIDE DISSOLVED	19103L POTASSIUM DISSOLVED	20103L CALCIUM DISSOLVED	25101L MANGANESE DISSOLVED
CAMPLEC	MG/L	MG/L 2	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG L	MG L
SAMPLES LOW HIGH AVERAGE STD.DEV		6.0 9.3 7.7 2.3		2 L.001 L.001	2 L.002 L.002	6 22.2 172. 60. 56.	2 0.5 0.7 0.6 0.1	2 0.4 0.7 0.6 0.2	2 28.2 96.3 62.3 48.2	1 L.01 L.01
PERCNT:10TH 25TH						29.9				
MEDIAN 50TH 75TH 90TH		7.7		L.001	L.002	42.2 54.0	0.6	0.6	62.3	
BACKUP CODES		02_							01L	04L
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/Ľ	CU MG/L	CU MG/L	CU MG/L	ZN MG/L	ZN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	6 L.01 L.01		6 0.022 0.15 0.08 0.05			1 0.003 0.003		6 0.003 L.01 0.00 0.00	1 0.006 0.006	
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	L.01 L.01 L.01		0.06 0.07 0.12					0.003 0.004 0.005		
BACKUP CODES			04P					06P		
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG L	HG UG/L	PB MG/L	PB MG/L	PB MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	6 L.001 L.01 0.00	4 L.005 0.011 0.006 0.003		1 L.01 L.01			1 L50. L50.			6 L.001 0.010 0.004 0.005
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	L.001 0.004 0.007	L.005 L.005 0.008								L.001 L.001 L.01
BACKUP CODES	04P						01P			01P

WATER QUALITY DATA 1961 1973 SUMMARY

STATION 00YT09CA0002 FOR PERIOD 02 03 73 TO 24 10 73

LAT 61° 27' 28" LONG 139° 27' 31"

QUILL CREEK BELOW CONFLUENCE WITH NICKEL CREEK ABOUT 4 MILES WEST OF HUDSON YUKON MINE MILL, YUKON TERRITORY

	HUDSON YUK					(500) 4 141	((,)) ((,))			
	1.6.77			101511	121 1 11	222731			020491	20 8+5
	HARDNESS	PH	ALKALINITY		COLOUR	TURBIDITY	SATURATION	STABILITY	SPECIFIC	SPECIFIC
	TOTAL		TOTAL	PHENOL-	APPARENT		INDEX	INDEX	CONDUCT.	CONDUCT
	SO A.		(A, (13	PHTHALEIN (AC())			ica. Di	Λ "ι		
	RACY L	PH , NITS	MG =	MSL	RE. JN TS	JTU	PH (N *5	PH 11.5	U1 .M	05 1 W
0.4401.00	7	7	7	6	7	7	2	2	7	
SAMPLES	128.	8.1	112	0	L5	0.3	0.9	6.0	245	
HIGH	328.	8.8	222	11	30	36.0	1.2	6.4	565	
		8.3	149	2	11		1.1	6.2	372	
AVERAGE	198. 65.	0.2	37	5	9	6.8 13.0	0.2	0.3	107	
STD.DEV	05.	0.2	37	5	9	13.0	0.2	0.5	107	
PERCNT:10TH										
25TH	146.	8.1	115	0	5	0.4			274	
MEDIAN 50TH	184.	8.3	142	0	10	1.5	1.1	6.2	351	
75TH	214.	8.4	159	2	15	6.1			429	
90TH										
BA KUP CODES										
	30203L	10401L	105C1L	104511	10551L	06001L	06051L	06101L	062 1L	06 4 1.
	TOTAL	RESIDUE NONFILTR.	RESIDUE	RESIDUE FILTERABLE	RESIDUE	CARBON	CARBON	DISSOLVED	BICARBONT. (CALCD.)	(CALCD.)
	SOLIDS	NOW ILLIA	NONFILTR.	TILTERADEL	FILTERABLE	ORGANIC	INORGANIC	ORGANIC	(CALCO.)	(CALCO.)
	(CALCD)					С		С	HCO3	CO3
	MG L	MG L	MG L	MG L	MG L	MG L	MG L	MG L	MG L	MG .
SAMPLES	2	1	1			2	2		6	6
LOW	238	6	4			L.5	16.0		137	0
HIGH	372	6	4			10.0	39.0		194	14
AVERAGE	305					5.2	27.5		162	3
STD.DEV	95					6.7	16.3		21	6
PERCNT:10TH										
25TH									140	0
MEDIAN 50TH	305					5.3	27.5		164	0
75TH									173	2
90TH										
BAURUP CODES										
	n6401L FREE CO2	07002L NITROGEN	07105L NITROGEN	07306L NITROGEN	07551L NITROGEN	08401L OXYGEN	09105L FLUORIDE	SODIUM	SODIUM	121 2. MAGNESIUM
	(CALCD.)	TOTAL	DISSOLVED	DISSOLVED	DISSOLVED	CONSUMED	DISSOLVED	DISSOLVED	ABSORPTION	
	(1	KJELDAHL	NO3 & NO2	NITRATE	AMMONIA				RATIO	
	(.05	N	N	N	N	02	F	NA		* MG
	MG L	MG L	MG L	MG L	MG L	MG L	MG L	MG L	REL UNITS	MG .
SAMPLES	7		1				1	2	2	
LOW	0.5		0.580				L.05	7.0	0.17	
HIGH	2.1		0.580				L.05	7.3	0.22	
AVERAGE	1.5							7.2	0.20	
STD.DEV	0.5							0.2	0.04	
PERCNT:10TH										
25TH	1.0									
MEDIAN 50TH	1.7							7.2	0.20	
75TH	1.7							1.2	0.20	
10111	1.1									

HA MUP ! OCES

90TH

STATION 00YT09CA0002 FOR PERIOD 02/03/73 TO 24/10/73

LAT. 61° 27' 28" LONG. 139° 27' 31"

QUILL CREEK BELOW CONFLUENCE WITH NICKEL CREEK ABOUT 4 MILES WEST OF HUDSON-YUKON MINE MILL, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED AL MG/L	14101L SILICA REACTIVE - SIO2 MG/L	15413L PHOSPHORUS TOTAL PHOSPHATE P MG/L	15363L PHOSPHORUS DISSOLVED INORG. PO4 P MG/L	15255L PHOSPHORUS DISSOLVED ORTHO PO4 P MG/L	16303L SULPHATE DISSOLVED SO4 MG/L	17203L CHLORIDE DISSOLVED CL MG/L	19103L POTASSIUM DISSOLVED K MG/L	20103L CALCIUM DISSOLVED CA MG*L	25101L MANGANESE DISSOLVED MN MG L
SAMPLES LOW HIGH AVERAGE STD.DEV		2 8.4 12.8 10.6 3.1		2 L.001 L.001	2 L.002 L.002	7 28.5 112. 55.	2 0.4 1.1 0.8 0.5	2 0.7 1.1 0.9 0.3	2 63.4 96.3 79.9 23.3	1 L.01 L.01
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH		10.6		L.001	L.002	36.1 44.9 58.4	0.8	0.9	79.9	
BACKUP CODES		02L							01L	04L
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	ZN MG/L	ZN MG. L
SAMPLES LOW HIGH AVERAGE STD.DEV	7 L.01 0.05 0.02 0.01		7 0.025 1.50 0.40 0.51					7 0.002 0.02 0.01 0.01	1 0.005 0.005	
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	L.01 0.01 0.02		0.12 0.18 0.51					0.003 0.005 L.01		
BACKUP CODES			04P					06P		
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG/L	PB MG/L	PB MG/L	PB MG L
SAMPLES LOW HIGH AVERAGE STD.DEV	7 L.001 0.043 0.008 0.016	5 L.005 0.012 0.007 0.003		1 L.01 L.01			1 L.05 L.05	1 L.001 L.001		7 L.001 L.01
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	L.001 L.001 L.01	L.005 L.005 0.006								L.001 L.001 L.001
BACKUP CODES	04P									[1F

STATION 00YT09CA0003 FOR PERIOD 02 03 73 TO 24 10 73

LAT 61° 26' 57" LONG 139° 28' 28"

QUILL CREEK ABOVE CONFLUENCE WITH NICKEL CREEK YUKON TERRITORY

	HARDNESS TOTAL	РН	ALKALINITY TOTAL	ALKALINITY PHENOL-	COLOUR	TURBIDITY	SATURATION	STABILITY	SPECIFIC CONDUCT	SEE E
				PHTHALEIN + A. ()3			CA :			
	M ; L	PH JAITS	MC, L	MG L	HEL IN "S	"Ti)	PH 1/15	Ph. ,h, *C,	or w	
SAMPLES	7	7	7	6	7	7	2	2	7	
LOW	145.	8.1	106	0	L5	0.3	0.5	6.5	287	
HIGH	226.	8.8	174	12	40	65.0	0.9	7.2	434	
AVERAGE	190.	8.3	150	3	13	11.6	0.7	6.9	366	
STD.DEV	34.	0.3	27	5	13	23.7	0.3	0.5	55	
075.527	04.	0.0		0		20.7	0.0	0.5	33	
PERCNT:10TH										
25TH	148.	8.1	117	0	5	0.8			309	
MEDIAN 50TH	203.	8.2	165	0	10	2.1	0.7	6.9	388	
75TH	221.	8.5	168	3	15	9.0			411	
90TH										
BAUNUP CODES										
	00203L	10401L	10501L	10451L	10551L		06051L	06101L	06231	4, c 1
	TOTAL	RESIDUE	RESIDUE	RESIDUE	RESIDUE	CARBON	CARBON	CARBON	BICARBONT.	CARBONATE
	DISSOLVED	NONFILTR.	FIXED	FILTERABLE	FIXED	TOTAL	TOTAL	DISSOLVED	(CALCD.)	(CALCD.)
	SOLIDS		NONFILTR.		FILTERABLE	ORGANIC	INORGANIC	ORGANIC		
	.CALCD) MG L	MG L	MG L	MG·L	MG L	C MG L	C MG L	C MG L	HC();	
								MG L	MG L	*,4 ,1 .
SAMPLES	2	1	1			2	2		6	R
LOW	165	3	2			L.5	13.0		129	0
HIGH	254	3	2			4.0	32.0		205	15
AVERAGE	210					2.2	22.5		173	3
STD.DEV	63					2.5	13.4		30	b
PERCNT:10TH										
25TH									143	0
MEDIAN 50TH	210					2.3	22.5		183	0
75TH									194	4
90TH									104	~
BACKUP CODES										
	36401L	07002L	07105L	07306L	07551L	08401L		11103L	112011	121 2
	FREE CO2	NITROGEN	NITROGEN	NITROGEN	NITROGEN	OXYGEN	FLUORIDE	SODIUM	SODIUM	MAGNESIUM
	(CALCD.)	TOTAL	DISSOLVED	DISSOLVED	DISSOLVED	CONSUMED	DISSOLVED	DISSOLVED	ABSORPTION	DISSOLVED
		KJELDAHL	NO3 & NO2	NITRATE	AMMONIA				RATIO	
	CO2 MG L	N MG L	N MG L	N MG L	N MG L	02	F	NA	0.00	A/4 .
				IVIO L	MG L	MG L	MG L	MG L	REL UNITS	W
SAMPLES	7		11				1	2	2	
LOW	0.5		0.270				0.06	3.8	0.14	
HIGH	2.3		0.270				0.06	7.3	0.21	
AVERAGE	1.4							5.6	0.18	
STD.DEV	0.6							2.5	0.05	
PERCNT:10TH										
25TH	1.0									
MEDIAN 50TH	1.0								0.10	
75TH	2.0							5.6	0.18	
90TH	2.0									
90 I PI										

STATION 00YT09CA0003 FOR PERIOD 02/03/73 TO 24/10/73

LAT. 61° 26' 57" LONG. 139° 28' 28"

QUILL CREEK ABOVE CONFLUENCE WITH NICKEL CREEK, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED	14101L SILICA REACTIVE	15413L PHOSPHORUS TOTAL PHOSPHATE	DISSOLVED INORG. PO4	DISSOLVED ORTHO PO4	16303L SULPHATE DISSOLVED	17203L CHLORIDE DISSOLVED	19103L POTASSIUM DISSOLVED	20103L CALCIUM DISSOLVED	25101L MANGANESE DISSOLVED
	AL MG/L	SIO2 MG/L	P MG/L	P MG/L	P MG/L	SO4 MG/L	CL MG L	MS.	CA MG/L	M/4 M/1
SAMPLES LOW HIGH AVERAGE STD.DEV		2 7.1 8.8 8.0 1.2		2 L.001 L.001	2 L.002 L.002	7 30.4 62.8 46.8 11.3	2 0.4 0.6 0.5 0.1	2 0.6 0.6 0.6 0.0	2 40.4 73.3 56.9 23.3	1 0.01 0.01
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH		8.0		L.001	L.002	36.9 45.0 57.7	0.5	0.6	56.9	
BACKUP CODES		02L							(1	04L
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CL MG/L	CU MG, L	1.0 Ma_	ZN MG/-,	ZN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	7 0.01 0.11 0.03 0.03	, was c	7 L.05 2.50 0.59 0.86		100.2	1 L.001 L.001		7 L.001 0.03 0.01 0.01	war.	West
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	0.02 0.02 0.03		0.055 0.30 0.51					0.002 0.003 L.01		
BACKUP CODES			04P					۲F		
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	81. U , _	PB MG L	PB MG/L	PB MG-L
SAMPLES LOW HIGH AVERAGE STD.DEV	7 L.001 L.01 0.00 0.00	5 L.005 0.011 0.006 0.003		1 L.01 L.01			1 L.05 L.05			7 L.001 L.01
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	L.001 0.002 0.003	L.005 L.005 L.005								L.001 L.001 L.001
BACKUP CODES	45									1P

HA 'NUP CODE'

STATION 00YT09CA0004 FOR PERIOD 02 03 73 TO 20 08 73

61° 30' 17" LONG 139 19' 26"

QUILL CREEK BELOW HUDSON-YUKON MINE TAILINGS POND, YUKON TERRITORY

				4 * 1 . 1	2 111	52 71			(1)(= (1)	. 64
	TOTAL	PH	TOTAL	PHENOL- PHTHALEIN	COLOUR	TURBIDITY	SATURATION	STABILITY	CONDUCT	CONCULT
			, A 03	CA: C.			A. 01	1,4,10		
			M . L	M1.	HEL UNITS	JT	PH . " TS	PH ", ",		
SAMPLES	5	5	5	4	5	5			2	
LOW	130.	8.0	106	0	15	0.3			257	
HIGH	707.	8.3	1323	0	80	84.0			3573	
AVERAGE	269.	8.2	367	0	33	21.9			958	
STD.DEV	246	0 1	535	0	27	35.1			1463	
PERCNT:10TH										
25TH	155	8 1	122	0	20	4.2			288	
MEDIAN 50TH	169.	8.1	135	0	20	6.2			313	
75TH	184	83	150	0	30	15.0			357	
90TH										
BAUKUP CODES										
	TOTAL	10401L RESIDUE	10501L RESIDUE	10451L RESIDUE	10551L RESIDUE	060U1L CARBON	CARBON	CARBON	BICARBONT.	CARBONATE
	DISSOLVED	NONFILTR.	FIXED	FILTERABLE	FIXED	TOTAL	TOTAL	DISSOLVED	(CALCD.)	(CALCD)
	SOLIDS		NONFILTR		FILTERABLE	ORGANIC	INORGANIC	ORGANIC		
	MG L	54	MG L	MG L	MG L	MG L	C VG L	C MG L	H () +	,⊖3 5 GM
	14/63			W.C. C	WG L			441.02		
SAMPLES		3	3			1	1		4	4
LOW		4	L1			33.0	264.		129	0
HIGH		29	19			33.0	264.		183	0
AVERAGE STD.DEV		13 14	8 10						1 57 23	0
PERCNT:10TH										
25TH									139	0
MEDIAN 50TH		5	3						157	0
75TH									174	0
90TH										
BACKUP CODES										
	06401L	070021	07105L	073 16L	07551L	08401L	39135L	111035	112011	12132
	(CALCD.)	NITROGEN TOTAL KJELDAHL	NITROGEN DISSOLVED NO3 & NO2	NITROGEN DISSOLVED NITRATE	NITROGEN DISSOLVED AMMONIA	OXYGEN	FLUORIDE DISSOLVED	SODIUM	SODIUM ABSORPTION RATIO	DISSOLVED
		/	N N	N	N	02	F	NA		1,4
		MG L	MG L	MG L	MG L	MG L	MG L	MG L	REL UNIT:	MG .
SAMPLES	5		1				1			
LOW	1.3		2.80				1.10			
HIGH	12.6		2.80				1.10			
AVERAGE	4.0									
STD.DEV	48									
DEDON'T 40TH										
PERCNT:10TH										
25TH	1 9									
	1 9 2.0									
25TH										

STATION 00YT09CA0004 FOR PERIOD 02/03/73 TO 20/08/73

LAT. 61° 30' 17" LONG. 139° 19' 26"

QUILL CREEK BELOW HUDSON-YUKON MINE TAILINGS POND, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED	14101L SILICA REACTIVE	15413L PHOSPHORUS TOTAL PHOSPHATE	15363L PHOSPHORUS DISSOLVED INORG. PO4	15255L PHOSPHORUS DISSOLVED ORTHO PO4	16303L SULPHATE DISSOLVED	17203L CHLORIDE DISSOLVED	19103L POTASSIUM DISSOLVED	20103L CALCIUM DISSOLVED	25101L MANGANESE DISSOLVED
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV		1 52.0 52.0		1 0.820 0.820	1 0.610 0.610	5 17.3 868. 197. 375.	1 2.7 2.7	1 44.0 44.0	94.3 94.3	1 0.09 0.09
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH						25.5 35.3 39.1				
BACKUP CODES		02L							01L	04L
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG-L	ZN M.,	ZN MLL
SAMPLES LOW HIGH AVERAGE STD.DEV	5 0.02 0.14 0.06 0.05		5 0.20 3.70 1.10 1.47			1 0.004 0.004		5 0.004 0.05 0.02	1 0.006 0.006	
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	0.03 0.04 0.09		0.31 0.62 0.68					0.004 0.008 0.009		
BACKUP CODES			04P					06P		
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG/L	. PB MG/L	PB MG L	PB MG 'L
SAMPLES LOW HIGH AVERAGE STD.DEV	5 L.001 0.018 0.006 0.007	2 L.005 0.005 0.005 0.000						1 L.001 L.001		5 L.001 0.004 0.002 0.001
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	L.001 0.003 0.008	0.005								L.001 L.001 L.001
BACKUP CODES										

STATION 00YT09CA0005 FOR PERIOD 02 03 73 TO 02 03 73

LAT 61° 25' 37" LONG 139° 3' 1"

KLUANE RIVER AT W.S.C. GAUGE BELOW KLUANE LAKE, YUKON TERRITORY

	HARDNESS TOTAL	10301L PH	10101L ALKALINITY TOTAL	10151L ALKALINITY PHENOL- PHTHALEIN CA' ()?	COLOUR APPARENT	02:73L TURBIDITY	SATURATION INDEX	STABILITY INDEX	SPECIFIC CONDUCT	SPECIFIC CONDUCT
SAMPLES	vs :	PH UNITS	MG L	MG L	REL LINTS	JTU 1	PH 4.18	PH INTS	υS ν 1	
LOW HIGH AVERAGE STD.DEV	148. 148.	8.1 8.1	100		5	0.7	0.3	7.6 7.6	296 296	
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES										
	CO203L TOTAL DISSOLVED SOLIDS (CALCD)	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	06001L CARBON TOTAL ORGANIC C MG L	060541L CARBON TOTAL INORGANIC C MG L	OBTATE CARBON DISSOLVED ORGANIC C MG L	BICARBONT (CALCD.)	CARBONATE CALCD
SAMPLES LOW HIGH AVERAGE STD.DEV	1 169 169					3.0 3.0	1 18.0 18.0			
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES										
	06401L FREE CO2 (CALCD.)	07002L NITROGEN TOTAL KJELDAHL N	07105L NITROGEN DISSOLVED NO3 & NO2 N	07336L NITROGEN DISSOLVED NITRATE N MG L	07551L NITROGEN DISSOLVED AMMONIA N MG L	08431L OXYGEN CONSUMED	09105L FLUORIDE DISSOLVED	11103L SODIUM DISSOLVED NA MG L	SODIUM ABSORPTION RATIO	MAGNESIUM DISSOLVED
SAMPLES LOW HIGH AVERAGE STD.DEV	1 1.5 1.5		1 0.040 0.040				1 0.11 0.11	1 2.6 2.6	1 0.09 0.09	
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BALKUP CODES			06.							

STATION 00YT09CA0005 FOR PERIOD 02/03/73 TO 02/03/73

LAT. 61° 25' 37" LONG. 139° 3' 1"

KLUANE RIVER AT W.S.C. GAUGE BELOW KLUANE LAKE, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED AL MG/L	14101L SILICA REACTIVE SIO2 MG/L	15413L PHOSPHORUS TOTAL PHOSPHATE P MG/L	DISSOLVED INORG. PO4 P MG/L	DISSOLVED ORTHO PO4 P MG/L	16303L SULPHATE DISSOLVED SO4 MG/L	17203L CHLORIDE DISSOLVED CL MG/L	19103L POTASSIUM DISSOLVED K MG/L	20103L CALCIUM DISSOLVED CA MG L	25101L MANGANESE DISSOLVED MN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV		1 4.3 4.3		1 0.003 0.003	1 L.002 L.002	1 50.4 50.4	0.7 0.7	1 3.3 3.3	1 41.3 41.3	1 L.01 L.01
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES		02L							01L	04L
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	ZN MG/L	ZN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	1 0.06 0.06	more.	1 L.05 L.05			1 L.001 L.001	W. O. C.	1 L.001 L.001		
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES			04P							
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG/L	. PB MG/L	PB MG/L	PB MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	1 0.005 0.005	1 0.007 0.007						1 L.001 L.001		1 L.001 L.001
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES										

WATER QUALITY DATA 1961 1974 C NMARY

STATION 00YT09CD0001 FOR PERIOD 03 04 73 TO 11 12 73

EAT 63 8 59 " LONG 139 33 10"

YUKON RIVER ABOVE WHITE RIVER YUKON TERRITORY

HACKUP CODES

					12 112	ĊŹ ·		211	2 11	
	HARDNESS	F*F4	TOTAL	PHENOL- PHTHALEIN	COLOUR	TURBIDITY	SATURATION INCEX	STABILITY	SPECIFIC	SEF TER
	,		A (,+	A · ·	RE. JA			A. p. A. P.	1) %	
SAMPLES	'>	5		5	5	5		1	5	
LOW	69.6	7.5	4	0	L5	0.2	-0.3	8.4	137	
HIGH	88.5	8.0	75	0	40	54.0	-0.3	8.4	188	
AVERAGE	79.8	7.7	57	0	16	17.5			162	
STD.DEV	8 7	0.5	30	0	16	23.4			55	
PERCNT:10TH										
25TH	72.4	7 7	63	0	5	1.7			147	
MEDIAN 50TH	80.2	7.7	68	0	5	3.5			158	
75TH	88.2	7.8	74	0	25	28.0			180	
90TH										
BACKUP CODES										
		1 1 1	* > > >	4 41 41	10.51	05 1 4				
	TOTAL	1.401c RESIDUE	RESIDUE	1.451L RESIDUE	10551L RESIDUE	CARBON	CARBON	CARBON	BICARBONT	CARBONATE
	DISSOLVED	NONFILTR.	FIXED	FILTERABLE	FIXED	TOTAL	TOTAL	DISSOLVED	(CALCD.)	(CALCD)
	CALCD		NONFILTR.		FILTERABLE	ORGANIC	INORGANIC	ORGANIC	HCUI	',O+
	MG L	1.4	MG L	MG Ł	MG L	MG L		MS L	Mo.	Mi
SAMPLES	1	2	2			1	1		5	5
LOW	95	52	19			2.0	12.0		5	0
HIGH	95	192	179			2.0	12.0		92	0
AVERAGE		122	99						70	0
STD.DEV		99	113						37	0
PERCNT:10TH										
25TH									77	0
MEDIAN 50TH		122	99						83	0
75TH									91	0
90TH										
RACKUP CODES										
	(6401)	273022	071052	37306L	07551L	084.11	191.350	11133L	11291	121 22
	FREE CO2 (CALCD.)	NITROGEN	NITROGEN DISSOLVED	NITROGEN	NITROGEN DISSOLVED	OXYGEN CONSUMED	FLUORIDE	SODIUM	SODIUM	MAGNESIUM DISSOLVED
		KJELDAHL	NO3 & NO2	NITRATE	AMMONIA				RATIO	
	MG L	MSL	MG L	N MG L	N MG L	O2 MG L		NA MG L	REL UNTO	M's
SAMPLES	5		1				1	5	5	
LOW	0.3		0.590				0.10	1.5	0.08	
HIGH	2.6		0.590				0.10	2.0	0.09	
AVERAGE	1.8							1.7	0.08	
STD.DEV	1.0							0.2	0.01	
PERCNT:10TH										
25TH	1.4							1.6	0.08	
MEDIAN 50TH	2.3							1.6	0.08	
75TH	0.4							2.0	0.09	
90TH										

STATION 00YT09CD0001 FOR PERIOD 03/04/73 TO 11/12/73

LAT. 63 ° 8 ' 59 " LONG. 139 ° 33 ' 10 "

YUKON RIVER ABOVE WHITE RIVER, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED AL MG/L	14101L SILICA REACTIVE SIO2 MG/L	15413L PHOSPHORUS TOTAL PHOSPHATE P MG/L	15363L PHOSPHORUS DISSOLVED INORG. PO4 P MG/L	15255L PHOSPHORUS DISSOLVED ORTHO PO4 P MG/L	16303L SULPHATE DISSOLVED SO4 MG/L	17203L CHLORIDE DISSOLVED	19103L POTASSIUM DISSOLVED K MG/L	20103L CALCIUM DISSOLVED CA MG/L	25101L MANGANESE DISSOLVED MN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV		1 5.6 5.6		1 L.001 L.001	1 L.002 L.002	5 13.3 15.1 14.3 0.7	5 0.4 1.0 0.6 0.3	5 0.5 1.0 0.7 0.2	5 17.6 27.7 22.7 4.0	1 0.47 0.47
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH						14.0 14.5 14.8	0.4 0.4 0.8	0.6 0.8 0.8	20.1 23.2 24.8	
BACKUP CODES		02L					06L		01L	04L
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	ZN MG/L	ZN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV		1 0.040 0.040				1 L.001 L.001			1 0.005 0.005	
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH BACKUP CODES										

STATION 00YT09DC0001 FOR PERIOD 24 04 69 TO 27 11 73

LAT 63 ° 35 ' 26 " LONG 135 53 ' 48 "

HALKUP CODES

STEWART RIVER AT WISIC GALIGE JUST EAST OF MAYO YUKON TERRITORY

	HARDNESS TOTAL	РН	ALKALINITY TOTAL	ALKALINITY PHENOL-	COLOUR	TURBIDITY	SATURATION INDEX	STABILITY INDEX	SPECIFIC CONDUCT	TAPP IFI
	· A		V ()3	(A ("						
	M3 t	PH ATS	1√1 , L	Mrs.						
SAMPLES	14	14	14	14	14	14	10	10	1.4	•
LOW	67.4	7.6	51	0	L5	0.5	-0.6	7.1	136	180
HIGH	182.	8.6	133	3	70	94.0	0.5	9.1	361	180
AVERAGE	117.	7.9	82	0	21	25.6	-0.2	8.2	234	
STD.DEV	35.	0.2	24	1	21	27.1	03	0.6	n8	
PERCNT:10TH	76.5	7.7	56	0	L5	1.0	0.0	* 4	100	
25TH	84.2	7.8	59	0	L5	2.2	-0.5	* 9	171	
MEDIAN 50TH	121.	7.9	82	0	10	19.5	-0.2	8.1	242	
75TH	150.	8.0	101	0	30	38.0	0 *	4 3	278	
90TH	151.	8.2	107	0	60	63.0	0.3	9.0	309	
BACKUP CODES										
	N 203L	104012	1.7501L	104511	105511	06 11	F - 1_	061011	, 5 4,	
	DISSOLVED	RESIDUE NONFILTR.	RESIDUE	RESIDUE	RESIDUE	CARBON	CARBON	DISSOLVED	BICARBONT (CALCD)	CARBONATE
	SOLIDS	NONFILTN.	NONFILTR.	FILTERABLE	FILTERABLE	ORGANIC	INORGANIC	ORGANIC	(CALCO)	CALCI
	CALCD									
	MG L	MG L	MG L	MG L	MG L	MC	Mos :	St.,		
SAMPLES	9	3	3	1	1	3	3		14	1.4
LOW	74	29	15	123	78	1.0	9.5		62	0
HIGH	197 130	139 86	106 69	123	78	11.3	27.0 16.5		162 100	4
AVERAGE STD.DEV	42	55	48			5.2	9.3		29	1
			40			0.4	., .,			
PERCNT:10TH	74								69	0
25TH	89 142	90	85			7.0	13.0		72 100	0
MEDIAN 50TH 75TH	157	90	05			7.0	13.0		116	0
90TH	197								130	0
	10,								100	V
BACKUP CODES										
	06401L FREE CO2	07002L NITROGEN	07105L NITROGEN	07306t NITROGEN	27551L NITROGEN	08401C OXYGEN	ON NO FLUORIDE	11102L SODIUM	11201 SODIUM	MAGNESIUM
	(CALCD.)	TOTAL	DISSOLVED	DISSOLVED	DISSOLVED	CONSUMED	DISSOLVED	DISSOLVED	ABSORPTION	DISSOLVED
	000	KJELDAHL	NO3 & NO2	NITRATE	AMMONIA	00			RATIO	50
	CO2 MG L	MG L	MG L	N MG L	N MG L	O2 MG L		NG L	REL UNITE	V.
SAMPLES	14	1	9		1		5	14	14	
LOW	0.5	L.5	L.001		L.1		0.05	0.7	0.04	
HIGH	3.8	L.5	2.30		L.1		L.10	2.6	0.09	
AVERAGE	2.0		0.33				0.07	1.6	0.06	
STD.DEV	0.8		0.74				0.05	0.6	0.02	
PERCNT:10TH	1.0		L.001					0.9	0.04	
25TH	1.2		0.030				0.06	10	0.05	
MEDIAN 50TH	2.1		0.080				0.06	1.6	0.06	
75TH	2.5		0.170				00.7	2 1	0.07	
			00					-	0.0.	

STATION 00YT09DC0001 FOR PERIOD 24/04/69 TO 27/11/73

LAT. 63 ° 35 ' 26 " LONG. 135 ° 53 ' 48 "

STEWART RIVER AT W.S.C. GAUGE JUST EAST OF MAYO, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED	14101L SILICA REACTIVE	15413L PHOSPHORUS TOTAL PHOSPHATE	15363L PHOSPHORUS DISSOLVED INORG. PO4	15255L PHOSPHORUS DISSOLVED ORTHO PO4	16303L SULPHATE DISSOLVED	17203L CHLORIDE DISSOLVED	19103L POTASSIUM DISSOLVED	20103L CALCIUM DISSOLVED	25101L MANGANESE DISSOLVED
	AL MG/L	S O2 MG/L	P MG/L	P MG/L	P MG/L	SO4 MG/L	MC _	M. L	A Marit	MN MG/L
0.4.1171.50	MG/L									
SAMPLES		10 2.8	1 0.066	3 L.001	4 L.002	14 17.1	14 0.2	14 0.4	14 20.9	4 L.01
HIGH		5.7	0.066	0.007	L.002	49.7	1.1	0.9	52.6	L.010
AVERAGE		4.4		0.003		34.1	0.6	0.6	31.8	
STD.DEV		1.0		0.003		12.5	0.2	0.1	9.9	
PERCNT:10TH		3.2				19.3	0.3	0.5	21.4	
25TH		3.6			L.002	21.0	0.4	0.5	22.5	L.01
MEDIAN 50TH		4.4		L.001	L.002	35.7	0.6	0.6	29.8	L.01
75TH 90TH		5.5 5.7			L.002	46.8 48.7	0.7 0.9	0.7 0.8	37.4	L.01
								0.0	46.4	
BACKUP CODES		02L 05L	06L		57L	01L	f L		.1.	04L
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN	FE	FE	СО	NI	CU	CU	CU	ZN	ZN
	MG L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
SAMPLES	1	4	1	1	1	3	1	1	3	1
LOW	0.06	L.001	0.83	L.001	L.001	L.001	L.01	0.003	L.001	0.01
HIGH	0.06	0.020 0.006	0.83	L.001	L.001	0.028	L.01	0.003	0.057	0.01
AVERAGE STD.DEV		0.006				0.010 0.015			0.021 0.032	
		0.010				0.010			0.002	
PERCNT:10TH 25TH		L.001								
MEDIAN 50TH		L.001				0.002			0.004	
75TH		0.011								
90TH										
BACKUP CODES			04P				06L			04L
	30305P	33103L	42302P	47301P	48302P	56301P	80311P	82103L	82302L	82302P
	ZINC EXTRBLE.	ARSENIC DISSOLVED	MOLYBDENUM EXTRBLE.	SILVER EXTRBLE.	CADMIUM EXTRBLE.	BARIUM EXTRBLE.	MERCURY EXTRBLE.	DISSOLVED	LEAD EXTRBLE.	LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG JG/L	PB MG/L	PB MG/L	PB MG. L
SAMPLES	1		1		1	1	1	4		1
LOW	0.015		0.0002		L.001	0.5	L.05	L.001		L.001
HIGH	0.015		0.0002		L.001	0.5	L.05	L.05		L.001
AVERAGE								0.02		
STD.DEV								0.02		
PERCNT:10TH								0.004		
25TH								0.004 0.011		
MEDIAN 50TH 75TH								L.03		
90TH								2.00		
								01L		
BACKUP CODES								UIL		

STATION 00YT09DD0001 FOR PERIOD 13 03 69 TO 28 11 73 63 ° 22 ' 56 " LONG 136 ° 40 ' 59 "

LAT

STEWART RIVER AT W.S.C. GAUGE AT THE BRIDGE ON THE WHITEHORSE-MAYO HWY AT STEWART CROSSING, YUKON TERRITORY

	HARDNESS TOTAL	10301L PH	10101L ALKALINITY TOTAL	10151L ALKALINITY PHENOL- PHTHALEIN	02011L COLOUR APPARENT	D2073L TURBIDITY	SATURATION INDEX	STABILITY INDEX	SPECIFIC CONDUCT.	020415 SPECIFIC CONDUCT
	MG L	PH JNITS	MG L	MG·L	REL UNITS	JTU	PH UNITS	PH UNITS	US CM	US CM
SAMPLES LOW HIGH AVERAGE STD.DEV	17 71.2 177. 120. 30.	17 7.6 8.5 7.9 0.2	17 55 135 88 24	17 0 3 0	17 L5 40 13	17 0.5 105. 20. 28.	12 -0.5 0.4 0.0 0.3	7.2 8.8 7.9 0.4	17 151 361 236 55	1 180 180
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	76.2 99.0 122. 144. 159.	7.6 7.8 7.9 8.0 8.2	57 69 83 109 128	0 0 0 0	L5 5 5 20 30	1.2 2.7 5.8 23.0 54.0	-0.3 -0.2 0.0 0.2 0.3	7.4 7.7 7.9 8.2 8.5	154 204 238 269 293	
BACKUP CODES										
	TOTAL DISSOLVED SOLIDS (CALCO)	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	06001L CARBON TOTAL ORGANIC	CARBON TOTAL INORGANIC	06101L CARBON DISSOLVED ORGANIC C	06201L BICARBONT. (CALCD.)	CARBONATE (CALCD.)
	MG·L	MG L	MG L	MG/L	MG 'L	MG L	MG L	MG L	MG L	MG _
SAMPLES LOW HIGH AVERAGE STD.DEV	12 78 191 139 30	6 35 223 106 70	5 33 203 105 66	1 152 152	1 137 137	4 0.0 11.0 5.8 5.1	4 0.0 17.0 9.1 7.0		17 67 165 107 29	17 0 4 0 1
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	107 124 139 159 167	41 100 139	58 102 130			1.5 6.0 10.0	4.7 9.7 13.5		69 85 101 133 156	0 0 0
BACKUP CODES										
	06401L FREE CO2 (CALCD.)	07002L NITROGEN TOTAL KJELDAHL N	07105L NITROGEN DISSOLVED NO3 & NO2 N	07306L NITROGEN DISSOLVED NITRATE	07551L NITROGEN DISSOLVED AMMONIA N	08401L OXYGEN CONSUMED	09105& FLUORIDE DISSOLVED	11103L SODIUM DISSOLVED	SODIUM ABSORPTION RATIO	MG
	MG L	MG/L	MG L	MG L	MG L	MG L	MG L	MG L	REL UNITS	MG L
SAMPLES LOW HIGH AVERAGE STD.DEV	17 0.6 4.3 2.2 1.1	1 L.5 L.5	12 0.016 0.520 0.128 0.134		2 L.1 0.1 0.1	2 1.9 2.0 2.0 0.1	8 L.05 0.16 0.08 0.04	17 0.7 3.1 1.6 0.6	16 0.04 0.11 0.06 0.02	
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	0.8 1.5 2.1 2.8 4.2		0.030 0.036 0.115 0.145 0.160		0.1	2.0	0.05 0.06 L.09	0.8 1.2 1.5 1.9 2.1	0.04 0.05 0.06 0.07 0.08	
HALAUP CODES			06L				041			
			000				0.71	1		

STATION 00YT09DD0001 FOR PERIOD 13/03/69 TO 28/11/73

LAT. 63 ° 22 ' 56 " LONG. 136 ° 40 ' 59 "

STEWART RIVER AT W.S.C. GAUGE AT THE BRIDGE ON THE WHITEHORSE-MAYO HWY AT STEWART CROSSING, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED	14101L SILICA REACTIVE	15413L PHOSPHORUS TOTAL PHOSPHATE	DISSOLVED INORG. PO4	DISSOLVED ORTHO PO4	16303L SULPHATE DISSOLVED	17203L CHLORIDE DISSOLVED	19103L POTASSIUM DISSOLVED	20103L CALCIUM DISSOLVED	25101L MANGANESE DISSOLVED
	AL MG/L	SIO2 MG/L	P MG/L	P MG/L	P MG/L	SO4 MG/L	CL MG/L	K MG/L	CA MG-L	MM L
SAMPLES LOW HIGH AVERAGE STD.DEV		13 1.7 10.1 5.0 2.1	2 0.013 0.090 0.052 0.054	5 L.001 0.013 0.005 0.005	4 L.002 0.007 0.003 0.003	17 9.2 48.7 32.2 10.9	17 0.1 1.0 0.5 0.2	17 0.4 1.0 0.6 0.2	17 22.4 49.2 33.4 7.9	6 L.01 L.010
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH		2.5 4.3 4.6 5.1 8.0	0.052	L.001 0.004 0.007	L.002 L.002 0.005	17.1 26.0 34.3 37.8 44.8	0.2 0.3 0.4 0.6 0.8	0.4 0.4 0.5 0.7 0.8	23.1 26.7 32.9 40.8 42.2	L.01 L.01 L.01
BACKUP CODES		02L 05L	06L	64L	59L	01L	06L		01∟	04L
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	MO -	ZN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	1 0.09 0.09	6 0.010 0.060 0.023 0.020	2 0.020 1.20 0.61 0.83	1 L.001 L.001	1 0.002 0.002	5 L.001 L.01 0.00 0.00		1 0.004 0.004	5 0.002 0.019 0.009 0.007	
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH		0.010 0.015 0.030	0.61			0.001 0.003 0.005			0.003 L.01 L.01	
BACKUP CODES			04P 02L			06L			4	
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG/L	PB MG/L	PB	PB MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	1 0.018 0.018		1 0.0002 0.0002		1 L.001 L.001	1 0.4 0.4	1 L.05 L.05	5 L.001 L.05 0.01 0.02		1 0.001 0.001
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH								L.001 L.001 0.004		
BACKUP CODES								01L		

STATION 00YT09DD0002 FOR PERIOD 15 07 69 TO 04 09 73

LAT 63 55 36" LONG 135 26 32"

SANDY CREEK AT KENO ROAD BRIDGE 15 MILES DOWNSTREAM OF CALUMET MINE WATER DISCHARGE YUKON TERRITORY

				1 1 1 1						
	HARDNESS TOTAL	РН	ALKALINITY	PHENOL PHTHALEIN	COLOUR	TURBIDITY	SATURATION INDEX	STABILITY	SPE IEIC CONDUCT	SPECIFIC
	, A. C.		(A/ ())							
	P.A. 3 .	PH - NITS	₩ , ∟	. ,						
SAMPLES	9	11	1.1	11	1.1	11	*)	5	4.4	
LOW	101.	6.4	5	0	5	0.2	-2.7	7.9	205	
HIGH	498.	8.0	73	0	100	2.4	-0.1	11.9	957	
AVERAGE	261.	7.4	41	0	24	1.0	-1.1	9.4	481	
STD.DEV	123	0.5	18	0	27	0.7	1 0	1.6	215	
PERCNT:10TH	101	6.9	21	0	10	0.3		6.4	286	
25TH	204	7 1	28	0	10	0 4	-15	83	3:10	
MEDIAN 50TH	221.	7.5	42	0	15	0.5	-0.6	8.7	430	
75TH	273	7 7	50	0	30	1 7	-05	100	510	
90TH	498	7.8	59	0	40	1 9			784	
BACKUP CODES										
	00203L	1.0401c	10501_	104516	10551L	,6001c	6 ₀ 61 ₆	0F101E	F231.	F, < 1_
	TOTAL DISSOLVED SOLIDS	NONFILTR.	FIXED NONFILTR.	RESIDUE FILTERABLE	FIXED FILTERABLE	TOTAL ORGANIC	TOTAL INORGANIC	CARBON DISSOLVED ORGANIC	(CALCD.)	(CALCD)
							C		+ 10)3	. 0.7
	MG L	MG L	MG L	MG L	MG L	h 4	MG L	MS -	MOL	WG.
SAMPLES	5					4	1	4	11	11
LOW	108					4.0	16.0	2.1	6	0
HIGH	678					11.0	16.0	11.0	89	0
AVERAGE	362					8.8		7.6	50	0
STD.DEV	246					3.3		40	22	0
PERCNT:10TH									25	0
25TH	181					6.7		47	34	0
MEDIAN 50TH	284					10.2		9.	51	0
	557									0
75TH	557					110		11	61	0
90TH									72	U
BACKUP CODES										
	06401L FREE CO2	07002L NITROGEN	C7105L NITROGEN	07306L NITROGEN	07551L NITROGEN	08401u OXYGEN	FLUORIDE	11161L SODIUM	SODIUM	121 2. MAGNESIUM
	(CALCD.)	KJELDAHL	NO3 & NO2	DISSOLVED	DISSOLVED AMMONIA	CONSUMED	DISSOLVED :	DISSOLVED	ABSORPTION RATIO	DISSOLVED
		MG L	MG L	MG L	MG L	O2 MG E	MG L	NA Mo	REL UNITS	W.S.
SAMPLES	11		5					5	5	3
LOW	1.1		L.005					0.7	0.03	7.4
HIGH	6.3		0.452					9.6	0.03	22.1
	3.2		0.452							
AVERAGE								4.0	0.10	14.2
STD.DEV	1 7		0.196					36	0.06	7 4
PERCNT:10TH	15									
25TH	20		L.005					16	0 06	
MEDIAN 50TH	2.8		0.020					3.0	0.09	13.0
75TH	5 0		0.027					5 2	0 1 1	
90TH	5 3									
BA FUP (ODE:										

STATION 00YT09DD0002 FOR PERIOD 15/07/69 TO 04/09/73

LAT. 63 ° 55 ' 36 " LONG. 135 ° 26 ' 32 "

SANDY CREEK AT KENO ROAD BRIDGE 1.5 MILES DOWNSTREAM OF CALUMET MINE WATER DISCHARGE, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED	14101L SILICA REACTIVE	15413L PHOSPHORUS TOTAL PHOSPHATE	DISSOLVED INORG. PO4	DISSOLVED ORTHO PO4	16303L SULPHATE DISSOLVED	17203L CHLORIDE DISSOLVED	19103L POTASSIUM DISSOLVED	20103L CALCIUM DISSOLVED	25101L MANGANESE DISSOLVED
SAMPLES LOW HIGH AVERAGE STD.DEV	MG/L	5 3.0 9.2 5.9 3.0	MG/L	MG/L	MG/L	11 25.4 465. 193.	5 1.0 1.8 1.3	5 0.4 0.8 0.6 0.2	6 29.5 41. 79.	MG/L
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH		3.0 5.5 8.6				87.0 130. 163. 201. 374.	1.1 1.2 1.5	0.4 0.6 0.8	37.0 70.2 29.	
BACKUP CODES		02L							01_	
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG L	ZN MG/L	ZN MG L
SAMPLES LOW HIGH AVERAGE STD.DEV	6 0.06 0.35 0.22 0.13		10 0.030 1.10 0.31 0.32				5 0.002 L.01 0.01 0.00	5 L.001 0.002 0.001 0.001		6 0.059 2.50 1.33 1.02
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	0.10 0.23 0.34		0.05 0.08 0.24 0.400 0.79				L.01 L.01 L.01	0.001 0.001 0.002		0.40 1.25 2.50
BACKUP CODES	04L		02L 04P 04L				n-			04L
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	80 × 20 LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	JG L	PB MG. L	PB MG L	PB MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	4 0.58 8.20 3.72 3.74	5 L.005 0.010 0.006 0.002							4 L.01 0.040 0.024 0.013	5 L.001 0.009 0.003 0.004
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	0.63 3.04 6.80	L.005 L.005 0.007							0.02 0.024 0.034	L.001 L.001 L.001
BACKUP CODES	04P	01L								

STATION 00YT09DD0003 FOR PERIOD 15 07 69 TO 13 10 73 LAT 63 ° 56 ' 7 " LONG 135 ° 34 ' 14 "

SOUTH MCQUESTEN RIVER AT UNITED KENO HILL MINES FRESHWATER PUMPHOUSE ABOUT 4 MILES NORTHWEST OF ELSA, YUKON TERRITORY

	HARDNESS TOTAL	1(< 1) PH	1,1 10 ALKALINITY TOTAL	ALKALINITY PHENOL- PHTHALEIN	02 11L COLOUR APPARENT	02 73L TURBIDITY	SATURATION INDEX	STABILITY INDEX	SPECIFIC CONDUCT	SPECIFIC CONDUCT
	A. O3		CA- ()3	CA1.03			(CAL15)			
	MG L	PH UNITS	MG L	MG L	REL UNITS	JTU	PH UNITS	PH 3% TS	US W	
SAMPLES	11	15	14	15	15	14	7	7	15	
LOW	97.9	7.2	45	0	5	0.2	-1.1	6.7	169	
HIGH	535.	8.5	163	3	100	16.0	0.8	9.5	1000	
AVERAGE	170.	7.9	93	0	21	3.6	0.0	7.9	318	
STD.DEV	125.	0.3	31	1	24	4.7	0.6	1.0	208	
PERCNT:10TH	107.	7.6	71	0.	5	0.5			187	
25TH	110.	7.8	75	0	5	0.9	-0.5	7.0	199	
MEDIAN 50TH	126.	7.9	88	0	12	1.4	0.0	7.9	246	
75TH	162.	8.1	102	0	30	4.0	0.6	8.7	401	
90TH	204.	8.3	149	0	40	12.0			446	
BACKUP CODES										
	TOTAL	10401L RESIDUE	10501L RESIDUE	10451L RESIDUE	10551L RESIDUE	CARBON	06051L CARBON	CARBON	962 1. BICARBONT.	CARBONATE
	DISSOLVED	NONFILTR.	FIXED NONFILTR.	FILTERABLE	FIXED FILTERABLE	TOTAL	TOTAL	DISSOLVED	(CALCD.)	(CALCD)
	(CALCD)				TILITABLE	C	C	C	HCO3	
	MG L	MG L	MG L	MG L	MG L	MG L	MG L	MG L	MG _	MS -
SAMPLES	7	3	3			5		6	14	14
LOW	104	6	3			1.8		1.8	55	0
HIGH	237	41	12			18.5		18.5	199	4
AVERAGE	163	21	8			10.8		7.2	113	0
STD.DEV	53	18	5			7.2		5.9	37	1
PERCNT:10TH									86	0
25TH	109					6.5		3.2	91	0
MEDIAN 50TH	142	15	10			9.5		6.4	107	0
75TH	227					17.5		7.2	117	0
90TH									182	0
BACKUP CODES										
	36401L	07002L	07105L	07306L	07551L	08401L	09105L	11103L	11201	121.20
	(CALCD.)	NITROGEN	NITROGEN DISSOLVED	NITROGEN DISSOLVED	NITROGEN	OXYGEN	PLUORIDE	SODIUM	SODIUM	MAGNESIUM
	(071200.)	KJELDAHL	NO3 & NO2	NITRATE	AMMONIA	CONCOMED	DIGGGEVED	DIGGGETED	RATIO	DISSOCTED
	CO2	N	N	N	N	02	F	NA		A.1 ,
	MG L	MG L	MG L	MG L	MG L	MG L	MG L	MG L	REL UNITS	M3 .
SAMPLES	14		7					7	7	4
LOW	0.6		L.005					0.7	0.03	5.1
HIGH	5.5		0.131					3.6	0.12	18.0
AVERAGE	2.3		0.027					2.0	0.07	9.3
STD.DEV	1.2		0.047					1.3	0.04	5.9
PERCNT:10TH	12									
25TH	1.4		L.005					0.9	0.04	6.0
MEDIAN 50TH	2.2		L.005					1.3	0.05	7.1
75TH	2.8		0.036					3.4	0.11	• 2 ~
90TH	3.4									

BALKUP CODES

STATION 00YT09DD0003 FOR PERIOD 15/07/69 TO 13/10/73 LAT. 63 ° 56 ' 7 " LONG. 135 ° 34 ' 14 "

SOUTH MCQUESTEN RIVER AT UNITED KENO HILL MINES FRESHWATER PUMPHOUSE ABOUT 4 MILES NORTHWEST OF ELSA, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED	14101L SILICA REACTIVE	15413L PHOSPHORUS TOTAL PHOSPHATE	15363L PHOSPHORUS DISSOLVED INORG. PO4	15255L PHOSPHORUS DISSOLVED ORTHO PO4	16303L SULPHATE DISSOLVED	17203L CHLORIDE DISSOLVED	19103L POTASSIUM DISSOLVED	20103L CALCIUM DISSOLVED	25101L MANGANESE DISSOLVED
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG L	MG -
SAMPLES LOW HIGH AVERAGE STD.DEV		7 3.0 8.0 5.4 2.3				14 24.5 437. 67. 107.	7 0.3 2.0 0.9 0.7	7 0.3 1.0 0.6 0.3	8 25.5 60.6 38.2 13.8	
PERCNT:10TH						27.2				
25TH MEDIAN 50TH 75TH 90TH		3.3 4.6 7.8				29.2 36.4 57.9 62.0	0.4 0.5 1.5	0.3 0.4 1.0	27.8 32.3 49.6	
BACKUP CODES		02L							01L	
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	ZN MG/L	ZN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	7 0.03 9.80 1.45 3.68	1 L.001 L.001	16 0.100 0.730 0.309 0.185				9 L.001 0.02 0.01 0.01	7 0.001 0.12 0.02 0.04		10 0.01 0.570 0.112 0.166
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	0.05 0.06 0.11		0.13 0.140 0.29 0.44 0.530				L.001 L.01 L.01 L.01 0.02	0.001 0.002 0.005		0.02 0.04 0.06 0.13 0.350
BACKUP CODES			04P 02L				06L	06P		04L
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG/L	PB MG/L	PB MG/L	PB MG L
SAMPLES LOW HIGH AVERAGE STD.DEV	6 0.020 1.08 0.22 0.42	6 0.000 L.010 0.005 0.004							8 0.002 0.040 0.014 0.011	7 L.001 0.20 0.03 0.07
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	0.03 0.04 0.10	0.001 0.005 0.009							L.01 0.01 0.014	L.001 0.004 0.013
BACKUP CODES	04P	01L								<-p

STATION 00YT09DD0004 FOR PERIOD 19 05 70 TO 04 09 73

LAT 63 ° 55 ' 10 " LONG 135 ° 41 ' 25 "

FLAT CREEK AT BRIDGE ON SHANGHAI ROAD ABOUT 200 YARDS FROM MOUTH DOWNSTREAM OF UNITED KENO HILL MINES YUKON TERRITORY

	131016	141911	154131	157631	15255L	16203L	172031	191131	20107	
	ALUMINUM DISSOLVED	SILICA REACTIVE	PHOSPHORUS TOTAL PHOSPHATE	DISSOLVED	PHOSPHORUS DISSOLVED ORTHO PO4	SULPHATE	CHLORIDE	POTASSIUM DISSOLVED	CALCIUM	DISSOLVED
	AL	\$102	PHUSPHATE	INORG PO4	P P	504		K	G.A.	5.25
	MIL	MG L	MG L	MG L	MG L	MIG L	MG L	M > C	M	V .
SAMPLES		1				7	1	1	2	
LOW		3.1				50.5	0.7	0.8	31.0	
HIGH		3.1				131.	0.7	0.8	80.4	
AVERAGE						83.			55.7	
STD.DEV						26.			34.9	
PERCNT:10TH										
25TH						68.6				
MEDIAN 50TH						76.7			55.7	
75TH						101.				
90TH										
BACKUP CODES		021							011	
	25 104P	26102L	26305P	27332P	28 ±02P	29105L	29 1"51	29 1 15P	301.160	
	MANGANESE	IRON	IRON	COBALT	NICKEL	COPPER	COPPER	COPPER	ZINC	ZINC
	EXTRBLE.	DISSOLVED	EXTRBLE.	EXTRBLE.	EXTRBLE.	DISSOLVED	EXTRBLE.	EXTRBLE.	DISSOLVED	EXTRBLE
	MN	FE	FE	СО	NI	CU	CU	CU	ZN	
	MG L	MG L	MG L	MG L	MG L	MG L	MG L	MG L	MG L	
SAMPLES	6		7				1	6		5
LOW	0.18		0.330				0.02	0.006		0.88
HIGH	2.20		1.20				0.02	0.02		1.00
AVERAGE	1.16		0.82					0.02		0.94
STD.DEV	0.74		0.35					0.01		0 08
PERCNT:10TH										
25TH	0.49		0.46					0.01		
MEDIAN 50TH	1.25		0.76					0.02		0.94
75TH	1.60		1.20					0.02		
90TH										
BACKUP CODES			04P 02L				06L	065		
							*			
	30,305P	33103L	42302P	47301P	48312P	56301P	80311P	82103L	82312	
	ZINC EXTRBLE.	ARSENIC DISSOLVED	MOLYBDENUM EXTRBLE.	SILVER EXTRBLE.	EXTRBLE.	BARIUM EXTRBLE.	MERCURY EXTRBLE.	DISSOLVED	EXTRBLE.	EXTRBLE
	ZN MG L	AS MG L	MO MG L	AG MG L	CD MG L	BA MG L	HG UG L	PB MG L	PB MG L	
			MG L	MICS L	MG L	MC C	06 L	MC C	MC1 C	
SAMPLES	5	3								6
LOW	0.70	L.005								0.12
HIGH AVERAGE	8.60 2.33	L.010								0.35
STD.DEV	3.51									0.17 0.09
	3.51									
PERCNT:10TH										
25TH	0.72									0 13
MEDIAN 50TH	0.80	L.005								0.15
75TH	0.82									0 15
90TH										
HA KUP CODE	14P	012								

STATION 00YT09DD0004 FOR PERIOD 19/05/70 TO 04/09/73

LAT. 63 ° 55 ' 10 " LONG. 135 ° 41 ' 25 "

FLAT CREEK AT BRIDGE ON SHANGHAI ROAD ABOUT 200 YARDS FROM MOUTH DOWNSTREAM OF UNITED KENO HILL MINES, YUKON TERRITORY

	10603L HARDNESS TOTAL	10301L PH	10101L ALKALINITY TOTAL	10151L ALKALINITY PHENOL- PHTHALEIN CACO3	02011L COLOUR APPARENT	02073L TURBIDITY	00210L SATURATION INDEX	00211L STABILITY INDEX	02041L SPECIFIC CONDUCT.	02041S SPECIFIC CONDUCT.
	MG/L	PH UNITS	MS.	MG/L	REL UNITS	JTU	PH UNITS	PH UNITS	US CM	US-CM
SAMPLES	6	7	7	7	7	7	1	1	7	
LOW	128.	7.5	40	0	18	0.6	-0.8	9.1	223	
HIGH	278.	8.4	140	3	100	15.0	-0.8	9.1	500	
AVERAGE	205.	8.0	100	0	49	5.9			350	
STD.DEV	52.	0.3	35	1	26	5.0			100	
PERCNT:10TH 25TH	188.	7.6	71	0	30	0.7			246	
MEDIAN 50TH	195.	8.0	103	0	50	5.7			342	
75TH	248.	8.3	136	0	50	8.4			453	
90TH	240.	0.0	100	Ü	50	0.4			400	
BACKUP CODES										
	00203L	10401L	10501L	10451L	10551L	06001L	06051L	06101L	06201L	06301L
	TOTAL DISSOLVED SOLIDS	NONFILTR.	RESIDUE FIXED NONFILTR.	RESIDUE FILTERABLE	RESIDUE FIXED FILTERABLE	CARBON TOTAL ORGANIC	CARBON TOTAL INORGANIC	CARBON DISSOLVED ORGANIC	BICARBONT. (CALCD.)	(CALCD.)
	(CALCD.) MG/L	MG L	MG/L	MG/L	MG/L	C MG/L	C MG/L	C MG/L	HCO3 MG/L	CO3 MG/L
SAMPLES	1	4	4			1		1	7	7
LOW	134	8	2			25.0		19.0	49	ó
HIGH	134	44	17			25.0		19.0	166	3
AVERAGE		19	9						121	0
STD.DEV		17	7						42	1
PERCNT:10TH										
25TH		8	4						87	0
MEDIAN 50TH 75TH		12 30	9 15						126 165	0
90TH		30	13						103	U
BACKUP CODES										
	06401L FREE CO2 (CALCD.)	07002L NITROGEN TOTAL KJELDAHL	07105L NITROGEN DISSOLVED NO3 & NO2	07306L NITROGEN DISSOLVED NITRATE N	07551L NITROGEN DISSOLVED AMMONIA N	08401L OXYGEN CONSUMED	09105L FLUORIDE DISSOLVED	11103L SODIUM DISSOLVED	11201L SODIUM ABSORPTION RATIO	12102L MAGNESIUM DISSOLVED
	MG/L	MG/L	MG/L	MG/L	MG/L	MGTL	N17, 0	MG 1.	REL. UNITS	MG/L
SAMPLES	7		1					1	1	1
LOW	1.1		L.005					1.3	0.05	7.4
HIGH	3.5		L.005					1.3	0.05	7.4
AVERAGE STD.DEV	2.0 0.8									
PERCNT:10TH										
25TH	1.3									
MEDIAN 50TH	1.8									
75TH 90TH	2.4									
BACKUP CODES										

STATION 00YT09DD0005 FOR PERIOD 19 05 70 TO 04 09 73

63 ° 53 ' 45 " LONG 136 ° 1 ' 30 "

SOUTH MCQUESTEN RIVER AT ROAD BRIDGE DOWNSTREAM OF FLAT CREEK YUKON TERRITORY

	٠,,,				2 11			-	2 41,	2.0
	TOTAL	PH	TOTAL	PHENOL-	COLOUR	TURBIDITY	SATURATION INDEX	STABILITY INDEX	SPECIFIC	SPECIFIC
			CACOS	CACOR			m			
		PH UNTS	Mr., L	MC, L	REL UNT		PH JAT		.,	
SAMPLES	6	7	7	7	7	7	2	2	7	
LOW	98.5	7.6	51	0	20	0.8	-0.6	7.4	151	
HIGH	140.	8.3	100	0	100	49.0	0.3	9.0	268	
AVERAGE	123.	8.0	83	0	41	10.9	-0.2	8.2	223	
STD.DEV	15	0.3	17	0	28	17 2	0.6	1 1	41	
PERCNT:10TH 25TH	116	7 7	69	0	20	1 8			188	
MEDIAN 50TH	125.	8.1	88	0	30	4.0	-0.2	8.2	230	
75TH	136	8 2	99	0	50	12.0	0.2	0.2	257	
90TH	.00	0 2	33	Ü	30	, 2.0			23,	
BACKUP CODES										
		10101	12504	104511	105511		4014		16201	
	TOTAL	10401L RESIDUE	10501L RESIDUE	RESIDUE	RESIDUE	CARBON	6051L CARBON	CARBON	BICARBONT	CARBONATE
	DISSOLVED SOLIDS	NONFILTR.	FIXED NONFILTR.	FILTERABLE	FIXED FILTERABLE	TOTAL	TOTAL	DISSOLVED ORGANIC	(CALCD.)	(CALCD)
	MG L	MG L	MG L	MG L	MG L	C MG L	MG L	MG L		
SAMPLES	2	3	3			2		2	7	7
LOW	87	5	4			4.6		3.6	62	0
HIGH	148	43	31			26.0		22.5	122	0
AVERAGE	118	29	18			15.3		13.1	101	0
STD.DEV	43	21	14			15.1		13.4	21	0
PERCNT:10TH										
25TH	440	40	00			45.0		40.4	84	0
MEDIAN 50TH	118	40	20			15.3		13.1	108 121	0
75TH 90TH									121	0
BACKUP CODES										
	36401L	070022	07105L	07306L	07551_	.84011	29175L	111031		12102
	FREE CO2	NITROGEN	NITROGEN	NITROGEN	NITROGEN	OXYGEN	FLUORIDE	SODIUM	SODIUM	MAGNESIUM
	(CALCD.)	KJELDAHL	DISSOLVED NO3 & NO2	DISSOLVED	AMMONIA	CONSUMED	DISSOLVED	DISSOLVED	ABSORPTION	DISSOLVED
		۴.	N	N	N	0.2		NA		V.
	* *	MG L	MG L	MG L	MG L	MG L	\ *	MG L	REL UNITS	
SAMPLES	7		2					2	2	2
LOW	0.9		L.005					0.7	0.03	5.7
HIGH	3.4		L.005					1.2	0.04	6.5
AVERAGE	1.7							1.0	0.04	6.1
STD.DEV	0.8							0 4	0.01	0 6
PERCNT:10TH										
25TH	1 1									
MEDIAN 50TH	1.5		L.005					1.0	0.04	6.1
75TH 90TH	20									
HALKUP LODE										

WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION 00YT09DD0005 FOR PERIOD 19/05/70 TO 04/09/73

LAT. 63 ° 53 ' 45 " LONG. 136 ° 1 ' 30 "

SOUTH MCQUESTEN RIVER AT ROAD BRIDGE DOWNSTREAM OF FLAT CREEK. YUKON TERRITORY

SAMPLES LOW HIGH AVERAGE STD.DEV PERCNT:10TH 25TH MEDIAN 50TH 75TH	13101L ALUMINUM DISSOLVED AL MG/L	14101L SILICA REACTIVE SIO2 MG/L 2 3.0 3.8 3.4 0.6	15413L PHOSPHORUS TOTAL PHOSPHATE P MG/L	15363L PHOSPHORUS DISSOLVED INORG. PO4 P MG/L	15255L PHOSPHORUS DISSOLVED ORTHO PO4 P MG/L	16303L SULPHATE DISSOLVED SO4 MG/L 7 12.8 119. 41. 35. 26.0 30.3 37.6	17203L CHLORIDE DISSOLVED CL MG/L 2 0.4 0.7 0.6 0.2	19103L POTASSIUM DISSOLVED K MG/L 2 0.3 0.6 0.5 0.2	20103L CALCIUM DISSOLVED CA MG/L 3 22.5 43.7 34.8 11.0	25101L MANGANESE DISSOLVED MN MG/L
90TH BACKUP CODES		02L							01L	
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	ZN MG/L	ZN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	5 0.06 0.14 0.11 0.04		7 0.140 1.70 0.59 0.52				2 L.01 L.01	5 0.002 0.005 0.003 0.001		3 0.08 0.180 0.137 0.051
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	0.08 0.12 0.14		0.220 0.50 0.61				L.01	0.002 0.003 0.004		0.15
BACKUP CODES			04P 02L				06∟			04L
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG/L	PB MG/L	PB MG/L	PB MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	4 0.026 0.09 0.05 0.03	4 0.000 0.030 0.010 0.014							1 0.040 0.040	5 0.005 0.027 0.012 0.009
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	0.03 0.05 0.08	L.003 0.005 0.018								0.008 0.008 0.011
BACKUP CODES	04P	01L								

WATER QUALITY DATA 1961 1973 (SUMMARY)

STATION 00YT09DD0006 FOR PERIOD 15 04 72 TO 13 12 73

LAT 63 ° 16 ' 55 " LONG 139 ° 14 ' 56 "

STEWART RIVER AT MOUTH, YUKON TERRITORY

	HARDNESS TOTAL	10 ROTE PH	ALKAUINITY TOTAL	10151L ALKALINITY PHENOL- PHTHALEIN	02011L COLOUR APPARENT	C2 TYL TURBIDITY	SATURATION INDEX	STABILITY INDEX	SPECIFIC CONDUCT.	SPECIFIC CONDUCT
)3 MG L	PH UNITS	CACO3 MG L	CAUO3 MG L	REL UNITS	JTU	PH UNITS	CA. D PH JA TS	US .M	US V
										05
SAMPLES	8	8	7	8	8	8	3	3	8	
LOW	72.0	7.5	59	0	L5	0.2	-0.3	7.4	144	
HIGH	157. 121.	8.2 7.9	124 90	0	30 11	58.0 11.9	0.4 -0.1	8.7 8.0	340 240	
AVERAGE STD.DEV	31.	0.2	25	0	10	19.4	0.4	0.7	68	
PERCNT:10TH										
25TH	95.	7.8	62	0.	5	2.0			184	
MEDIAN 50TH	132.	7.9	92	0	5	4.7	-0.3	8.0	249	
75TH	143.	8.1	112	0	18	11.8	0.0	0.0	285	
90TH				Ť						
BACKUP CODES										
	00203L TOTAL DISSOLVED SOLIDS	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	06001L CARBON TOTAL	CARBON TOTAL INORGANIC	06101L CARBON DISSOLVED	DICARBONT. (CALCD.)	CARBONATE (CALCD.)
	(CALCD)		NONFILTH.		FILTERABLE	ORGANIC	C	ORGANIC	HCO3	CO3
	MG L	MG L	MG L	MG L	MG L	MG L	MG L	MG L	MG L	MG L
SAMPLES	3	3	3			3	3		7	7
LOW	77	4	2			5.0	19.0		72	0
HIGH	159	145	129			24.0	19.0		151	0
AVERAGE	128	74	58			11.7	19.0		110	0
STD.DEV	44	71	65			10.7	0.0		30	0
PERCNT:10TH 25TH									75	0
MEDIAN 50TH 75TH	147	73	42			6.0	19.0		113 137	0
90TH										
BACKUP CODES										
	06401L FREE CO2 (CALCD.)	07002L NITROGEN TOTAL KJELDAHL N	07105L NITROGEN DISSOLVED NO3 & NO2	07306L NITROGEN DISSOLVED NITRATE	07551L NITROGEN DISSOLVED AMMONIA N	08401L OXYGEN CONSUMED	09105L FLUORIDE DISSOLVED	11103L SODIUM DISSOLVED	11201L SODIUM ABSORPTION RATIO	12102L MAGNESIUM DISSOLVED
	MG L	MG L	MG L	MG L	MG L	MG L	MG L	NA MG L	REL UNITS	MG MG L
SAMPLES	7		4				3	8	8	
LOW	1.1		0.030				0.06	0.9	0.04	
HIGH	6.8		0.230				0.07	5.7	0.20	
AVERAGE	2.9		0.143				0.06	2.1	0.20	
STD.DEV	2.1		0.085				0.01	1.5	0.05	
PERCNT:10TH										
25TH	1.2		0.080					1.4	0.06	
MEDIAN 50TH	2.2		0.155				0.06	1.6	0.07	
75TH	4.8		0.205					2.0	0.07	
90TH										

WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION 00YT09DD0006 FOR PERIOD 15/04/72 TO 13/12/73

LAT. 63 ° 16 ' 55 " LONG. 139 ° 14 ' 56 "

STEWART RIVER AT MOUTH, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED AL MG/L	14101L SILICA REACTIVE SIO2 MG/L	15413L PHOSPHORUS TOTAL PHOSPHATE P MG/L	15363L PHOSPHORUS DISSOLVED INORG. PO4 P MG/L	15255L PHOSPHORUS DISSOLVED ORTHO PO4 P MG/L	16303L SULPHATE DISSOLVED SO4 MG/L	17203L CHLORIDE DISSOLVED CL MG/L	19103L POTASSIUM DISSOLVED K MG/L	20103L CALCIUM DISSOLVED CA MG/L	25101L MANGANESE DISSOLVED MN MO L
SAMPLES LOW HIGH AVERAGE STD.DEV		4 4.8 5.6 5.4 0.4		3 L.001 L.001	3 L.002 L.002	8 13.3 40.7 30.4 10.0	8 0.3 7.1 1.3 2.4	8 0.4 3.1 0.9	8 20.4 48.6 34.6 9.5	3 L.01 L.01
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH		5.1 5.5 5.6		L.001	L.002	23.6 32.4 38.7	0.4 0.5 0.6	0.6 0.6 0.7	26.5 36.2 41.1	L.01
BACKUP CODES		02L					06L		01L	04L
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	ZN MG/L	ZN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV		3 L.001 L.05 0.02				3 L.001 0.003 0.002 0.001			3 0.004 0.004 0.004 0.000	
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH		0.020				L.001			0.004	
BACKUP CODES		04L								
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE,	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG/L	. PB MG/L	PB MG/L	PB MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV								3 L.001 L.001		
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH								L.001		
BACKUP CODES										

STATION 00YT09DD0007 FOR PERIOD 23 06 73 TO 06 08 73

LAT 65 ° 53 ' 43 " LONG 136 ° 1 ' 15 "

SOUTH MCQUESTEN RIVER ABOVE FLAT CREEK, UNITED KENO HILL MINES ELSA-YUKON TERRITORY

	HARDNESS TOTAL	10321L PH	10101L ALKALINITY TOTAL	ALKALINITY PHENOL- PHTHALEIN	U2 .11L COLOUR APPARENT	02 13L TURBIDITY	SATURATION INDEX	STABILITY	SPECIFIC CONDUCT.	SPECIFIC CONDUCT
	WG F	PH UNITS	CA: O3 MG L	CA O3 MG L	REL UNITS	UTL	CALLO . PRIJATS	PH JOS.	DS M	us M
SAMPLES	4 97.9	4 7.7	4 71	4	4 15	4 L.1			4 187	
HIGH AVERAGE STD.DEV	121. 114. 11.	8.2 7.9 0.2	92 82 9	0 0	40 26	3.6 2.3 1.6			232 213 20	
PERCNT:10TH		0.2				1.0				
25TH MEDIAN 50TH 75TH 90TH	108. 120. 121.	7.7 7.9 8.1	76 83 89	0 0	18 25 35	1.0 2.7 3.6			198 216 228	
BACKUP CODES										
	J0203L TOTAL DISSOLVED SOLIDS (CALCD)	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR. MG L	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	06001L CARBON TOTAL ORGANIC C	CARBON TOTAL INORGANIC C	06101L CARBON DISSOLVED ORGANIC C MG L	CALCD.) HCO3 MG L	CARBONATE (CALCD.)
SAMPLES		1	1						4	4
LOW HIGH AVERAGE STD.DEV		9	1						87 112 101 11	0 0 0
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH									93 102 109	0 0 0
	FREE CO2 (CALCD.)	07302L NITROGEN TOTAL KJELDAHL	07105L NITROGEN DISSOLVED NO3 & NO2 N	07306L NITROGEN DISSOLVED NITRATE N	07551L NITROGEN DISSOLVED AMMONIA N	08401L OXYGEN CONSUMED	09105L FLUORIDE DISSOLVED	11103L SODIUM DISSOLVED	11231L SODIUM ABSORPTION RATIO	MAGNESIUM DISSOLVED
	MG L	MG L	MG L	MG L	MG L	MG L	MG L	MG L	REL JNITS	
SAMPLES LOW HIGH AVERAGE STD.DEV	4 1.0 3.5 2.2 1.1									
PERCNT:10TH 25TH MEDIAN 50TH	1.3 2.1									

75TH 90TH

WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION 00YT09DD0007 FOR PERIOD 23/06/73 TO 06/08/73

LAT. 65 ° 53 ' 43 " LONG. 136 ° 1 ' 15 ".

SOUTH MCQUESTEN RIVER ABOVE FLAT CREEK, UNITED KENO HILL MINES, ELSA, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED	14101L SILICA REACTIVE	TOTAL PHOSPHATE	DISSOLVED INORG. PO4	15255L PHOSPHORUS DISSOLVED ORTHO PO4	16303L SULPHATE DISSOLVED	17203L CHLORIDE DISSOLVED	19103L POTASSIUM DISSOLVED	20103L CALCIUM DISSOLVED	25101L MANGANESE DISSOLVED
	AL MG/L	SIO2 MG/L	P MG/L	P MG/L	P MG/L	SO4 MG/L	CL MG/L	K MG/L	CA MG/L	MN MC _
SAMPLES LOW HIGH AVERAGE STD.DEV						4 24.2 33.0 30.0 4.0		mo-c	1 35.1 35.1	
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH						27.3 31.3 32.7				
BACKUP CODES									01_	
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	ZN MG/L	ZN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	6 0.04 0.06 0.05 0.01	WG/L	6 0.23 0.55 0.37 0.13	MG/L	WG/L	MG/L	WG/C	6 0.001 0.002 0.001 0.001	WG/L	1 0.08 0.08
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	0.05 0.06 0.06		0.24 0.37 0.46					0.001 0.001 0.002		
BACKUP CODES			04P							04L
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG/L	PB MG 'L	MO .	PB MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	5 0.03 0.06 0.05 0.01	2 L.005 L.005								6 L.001 0.022 0.006 0.008
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	0.04 0.05 0.05	L.005								0.001 0.004 0.008
BACKUP CODES	04P									

WATER QUALITY DATA 1961 1973 S JAMARY

STATION 00YT09DD0008 FOR PERIOD 17 07 73 TO 04 09 73

LAT 63 ° 54 ' 41" LONG 135 ° 29 ' 2"

75TH 90TH BREFALT CREEK AT ROAD CROSSING, UNITED KEND HILL MINES ELSA YUKON TERRITORY

		1 (1)		404141						
	HARENESS TOTAL	РН	ALKALINITY TOTAL	ALKALINITY PHENOL- PHTHALEIN	COLOUR	TURBIDITY	SATURATION	> 'ABILITY INDEX	CONDUCT	SEE LEE
	. A +11		- A ()3	CA: C··				A ·		
	M ,	PH WATE	MIG L	Mc .				PH 15.75	or. M	
SAMPLES	4	4	3	4	-4	.4			4	
LOW	136.	2.9	41	0	L5	1.4			251	
HIGH	1350.	8.2	99	0	15	110.			2450	
AVERAGE	736.	6.2	60	0	9	53.			1256	
STD.DEV	496.	2.3	33	0	5	55			905	
PERCNT:10TH										
25TH	425.	4.9		0	÷,	62			691	
MEDIAN 50TH	728.	6.9	41	0	8	50.5			1162	
75TH	1046.	7.6	41	0	13	100			1822	
90TH	1040.	7.0		0	12.	100			1022	
BACKUP CODES										
	U.203L	10401L	13501L	104511	1.651L	160015	6, 1.1	+ 101E	C62 *.	,, .
	TOTAL	RESIDUE	RESIDUE	RESIDUE	RESIDUE	CARBON	CARBON	CARBON	BICARBONT.	CARBONATE
	DISSOLVED	NONFILTR.	FIXED	FILTERABLE	FIXED	TOTAL	TOTAL	DISSOLVED	(CALCD.)	CALCE
	SOLIDS		NONFILTR.		FILTERABLE	ORGANIC	INORGANIC	ORGANIC	HCOR	6,4
	MG L	*,*	MG L	MG L	MG L	VG L	M's c	Wil	Miss	v.
SAMPLES		3	3						3	3
LOW		4	L1						49	0
HIGH		160	125						120	0
AVERAGE		88	70						73	0
STD.DEV		79	63						41	0
		, ,								
PERCNT:10TH										
25TH										
MEDIAN 50TH		100	84						50	0
75TH										
90TH										
BACKUP CODES										
	06401L	373026	07105L	07306c	175511	184011	30014	111)3L	11211	121 2.
	FREE CO2	NITROGEN	NITROGEN	NITROGEN	NITROGEN	OXYGEN	FLUORIDE	SODIUM	SODIUM	MAGNESIUM
	(CALCD.)	KJELDAHL	DISSOLVED NO3 & NO2	DISSOLVED	DISSOLVED	CONSUMED	DISSOLVED	DISSOLVED	RATIO	Magneral
	CO3	\ \	N	N	\ \	()2		1.4		V
	MO-L	MG L	MG L	MG L	MG L	MG L	\ .'	MGL	REL UNTS	V.,
SAMPLES	3									
LOW	1.2									
HIGH	12.6									
AVERAGE	7.9									
STD.DEV	6.0									
PERCNT:10TH										
25TH										
MEDIAN 50TH	9.9									
35.711										

WATER QUALITY DATA 1961-1973 (SUMMARY)

13101L 14101L 15413L 15363L 15255L 16303L 17203L 19103L 20103L 25101L

STATION 00YT09DD0008 FOR PERIOD 17/07/73 TO 04/09/73

LAT. 63 ° 54 ' 41" LONG. 135 ° 29 ' 2"

BREFALT CREEK AT ROAD CROSSING, UNITED KENO HILL MINES. ELSA. YUKON TERRITORY

AL	SIO2		INORG. PO4		DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED
MG/L	MG/L	P MG/L	P MG/L	P MG/L	SO4 MG/L	CL MG/L	K MG/L	CA MG 'L	MN M* .
SAMPLES LOW HIGH AVERAGE STD.DEV					4 74.6 1425. 682. 557.			1 84. 84.	
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH					343. 614. 1021.				
BACKUP CODES									
25304P MANGANESE EXTRBLE.	26102L E IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG L	ZN MG/L	ZN MG-L
SAMPLES 2 LOW 0.04 HIGH 133. AVERAGE 67. STD.DEV 94.	WG/L	5 1.05 47.0 29.4 17.3	MG/L	WG/L	WG/L	MG/L	5 0.005 0.80 0.39 0.32	MG/L	MQ.L
PERCNT:10TH 25TH MEDIAN 50TH 67. 75TH 90TH		29.0 32.0 38.0					0.25 0.27 0.63		
BACKUP CODES		04P					06P		
30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE:	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG/L	PB MG/L	PB MG/L	PB M . t
SAMPLES 4 LOW 0.80 HIGH 53.0 AVERAGE 26.0 STD.DEV 21.4	2 L.005 0.006 0.005 0.001								5 0.16 0.70 0.35 0.23
PERCNT:10TH 25TH 12.4 MEDIAN 50TH 25.0 75TH 39.5	0.006								0.20 0.21 0.46
BACKUP CODES 04P									-

STATION 00YT09EA0001 FOR PERIOD 08 03 69 TO 24 09 73

90TH 5.3

BALKUP CODES

0.220

LAT 64° 2' 30" LONG 139° 24' 30"

KLONDIKE RIVER ABOVE BONANZA CREEK, YUKON TERRITORY

	HARDNESS TOTAL	PH	ALKALINITY TOTAL	ALKALINITY PHENOL- PHTHALEIN	COLOUR	TURBIDITY	SATURATION	STABILITY	SPECIFIC CONDUCT.	SEE SEY CONDUCT
	Mil	PH .N.TS	Mc ₂ L	MG L	RE.			Pie to to	u, M	17 , 4,6
SAMPLES	16	16	16	16	15	16	13	13	16	1
LOW	44.0	7.3	30	0	L5	0.2	-1.0	7.8	92	155
HIGH	134.	8.2	88	0	60	53.0	0.2	9.6	270	155
AVERAGE	96.	7.8	64	0	16	8.0	-0.4	8.6	195	
STD.DEV	30.	0.3	19	0	17	13.5	0.4	0.6	59	
PERCNT:10TH	56.3	7.5	39	0	L5	0.4	-0.9	8.0	121	
25TH	69.6	7.6	47		. 5	1.4	-06	8.2	144	
MEDIAN 50TH	97.7	7.8	67	0	7	2.7	-0.4	8.4	196	
75TH	127.	8.0	84	0	30	6.8	-0 !	8.9	258	
90TH	133.	8.1	87	0	40	23.0	0.0	9.6	269	
BACKUP CODES										
	TOTAL DISSOLVED	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED	CARBON TOTAL	CARBON	SHISTL CARBON DISSOLVED	06201L BICARBONT. (CALCD.)	CARBONATE (CALCD)
	SOLIDS (CALCD)		NONFILTR.		FILTERABLE	ORGANIC C	INORGANIC	ORGANIC	HCO3	CO3
	MG/L	MG L	MG L	MG L	MG L	MG L	MG L	MG L	MG L	MG.
SAMPLES	13	6	6			5	5		16	16
LOW	51	11	7			1.0	7.1		37	0
HIGH	149	126	83			10.7	20.0		107	0
AVERAGE	111 35	48 43	35 28			5.3	12.2		78	0
STD.DEV		40	20			3.7	5.6		24	0
PERCNT:10TH	63								47	0
25TH	78	12	11			4.0	8.0		58	0
MEDIAN 50TH	116	40	31			4.0	10.0		82	0
75TH	146 148	58	48			7.0	16.0		103	0
90TH	140								106	0
BACKUP CODES										
	96401L FREE CO2 (CALCD.)	07002L NITROGEN TOTAL KJELDAHL	07105L NITROGEN DISSOLVED NO3 & NO2	07306L NITROGEN DISSOLVED NITRATE	07551L NITROGEN DISSOLVED AMMONIA	08401L OXYGEN CONSUMED	FLUORIDE DISSOLVED	11103L SODIUM DISSOLVED	11201L SODIUM ABSORPTION RATIO	12102L MAGNESIUM DISSOLVED
	CO2	N	N	N	N	02		NA	DE:	MO
0.4.4	MG L	MG L	MG L	MG·L	MG L	MG L		MG L	REL UNITS	MG
SAMPLES	16	1	11		4	1	9	16	16	
FOM	0.8 8.5	L.5	0.010		L.1	0.8	0.06	0.7	0.05	
HIGH AVERAGE	2.6	L.5	0.430 0.136		0.4	0.8	L.10 0.07	2.8 1.8	0.11	
STD.DEV	2.0		0.136		0.2		0.07	0.6	0.08	
PERCNT:10TH	0.8		0.032							
25TH	1.2		0.032		L.1		0 06	1.0 1.2	0.05	
MEDIAN 50TH	1.8		0.034		L.1		0.07	1.8	0.08	
75TH	2.9		0.203		0.3		0.08	2.3	0.09	
			0.000						0.00	

L.10 2.3 0.11

STATION 00YT09EA0001 FOR PERIOD 08/03/69 TO 24/09/73

LAT. 64° 2' 30" LONG. 139° 24' 30"

KLONDIKE RIVER ABOVE BONANZA CREEK, YUKON TERRITORY

SAMPLES	13101L ALUMINUM DISSOLVED AL MG/L	14101L SILICA REACTIVE SIO2 MG/L	15413L PHOSPHORUS TOTAL PHOSPHATE P MG/L 2	15363L PHOSPHORUS DISSOLVED INORG. PO4 P MG/L	15255L PHOSPHORUS DISSOLVED ORTHO PO4 P MG/L 7	16303L SULPHATE DISSOLVED SO4 MG/L	17203L CHLORIDE DISSOLVED CL MG/L 16	19103L POTASSIUM DISSOLVED K MG/L	20103L CALCIUM DISSOLVED CA MG/L 16	25101L MANGANESE DISSOLVED MN MG/L 4
LOW HIGH AVERAGE STD.DEV		3.8 6.9 5.4 0.9	0.007 0.015 0.011 0.006	L.001 0.003 0.001 0.001	L.002 0.010 0.003 0.003	14.0 47.0 32.0 11.2	0.2 0.6 0.4 0.1	0.4 0.8 0.6 0.1	16.3 41.0 28.2 8.0	L.01 L.01
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH		4.3 4.6 5.7 6.3 6.4	0.011	L.001 L.001 0.002	L.002 L.002 L.002	17.2 22.9 32.8 42.9 45.7	0.2 0.3 0.4 0.5 0.6	0.4 0.5 0.5 0.7 0.7	16.9 20.6 29.0 36.3 37.6	L.01 L.01 L.01
BACKUP CODES		02L 05L	06L		57L 59L		061.		,	04L
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	ZN MG/L	ZN MG. L
SAMPLES LOW HIGH AVERAGE STD.DEV	5 L.01 0.01 0.01 0.00	8 L.001 0.030 0.012 0.012	2 0.010 0.29 0.15 0.20	1 L.001 L.001	1 L.001 L.001	4 L.001 0.008 0.003 0.003	4 L.01 L.01	1 0.001 0.001	4 0.002 0.007 0.004 0.002	4 L.01 0.01 0.01 0.00
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	L.01 L.01 L.01	L.001 0.011 0.020	0.15			0.002 0.002 0.005	L.01 L.01 L.01		0.002 0.003 0.006	L.01 L.01 0.01
BACKUP CODES	04L		04P 02L				06L			04L
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE,	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE,	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG/L	. PB MG/L	PB MG/L	PB MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	1 0.004 0.004		1 0.0002 0.0002		1 L.001 L.001	1 0.3 0.3	1 L.05 L.05	5 L.001 L.05 0.01 0.02	3 L.01 L.01	1 L.001 L.001
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH								L.001 0.004 0.016	L.01	
BACKUP CODES								01L		

STATION 00YT09EB0001 FOR PERIOD 03 06 62 TO 25 09 73

LAT 64 4 12" LONG 139 25 30"

YUKON RIVER AT DAWSON YUKON TERRITORY

	HARDNESS TOTAL	РН	ALKALINITY TOTAL	ALKALINITY PHENOL- PHTHALEIN	COLOUR	TURBIDITY	SATURATION	STABILITY	SPECIFIC CONDUCT	SPECIFIC CONDUCT
				A 1 4						
				6,4	REC UNIT				-	
SAMPLES	12	23	2.5	23	23	23	(1	./ *		
LOW	53.9	7.0	39	0	L5	0.5	-1.5	7.5	118	
HIGH	119.	8.2	98	0	120	210.	0.3	10.1	241	
AVERAGE	97.	7.8	73	0	30	25.	-0.4	8.5	193	
STD.DEV	21.	0.3	1.7	0	34	44.	0.5	0.7	30	
PERCNT:10TH	69.7	7.4	50	0	5	1.2	-10	7 8	131	
25TH	81.4	7.6	61	0	5	2.3	.0 7	7.9	1 10 7	
MEDIAN 50TH	104.	7.7	78	0	15	7.6	-0.3	8.3	197	
75TH	116.	8.0	89	0	40	38.0	0.0	9 ()	559	
90TH	118.	8.2	96	0	80	52.0	0.2	9 4	238	
BACKUP CODES										
	1.203F	104016	135016	104514	1,551L	060112	6.510			
	DISSOLVED	RESIDUE NONFILTR.	RESIDUE	RESIDUE	RESIDUE	CARBON	CARBON	DISSOLVED	(CALCD.)	CARBONATE
	SOLIDS	NONFILTR.	NONFILTR.	FILTERABLE	FILTERABLE	ORGANIC	INORGANIC	ORGANIC	(CALCU.)	(CALCO)
	CALCD)				TILILITADEL	C		OHOAHIO	** 1, 1	
	MG L	MGIL	MG C		MG L	MGL	MG L	Moc	Nº 7 C	
SAMPLES	21	6	6	4	4	2	2		23	23
LOW	60	36	30	115	64	1.0	8.0		47	0
HIGH	129	276	234	146	128	6.0	21.0		119	0
AVERAGE	105	126	112	133	102	3.5	14.5		89	0
STD.DEV	21	93	84	15	31	3.5	92		21	0
PERCNT:10TH	77								61	0
25TH	90	42	36	122	77				74	0
MEDIAN 50TH	113	104	89	136	109	3.5	14.5		94	0
75TH	124	196	196	145	128				108	0
90TH	125								117	0
BACKUP CODES										
	36401L	070U2L	37105L	073060	07551L	084015	J41050		112 1	121 2
	FREE CO2	NITROGEN	NITROGEN	NITROGEN	NITROGEN	OXYGEN	FLUORIDE	SODIUM	SODIUM	MAGNESIUM
	(CALCD.)	TOTAL	DISSOLVED	DISSOLVED	DISSOLVED	CONSUMED	DISSOLVED	DISSOLVED	ABSORPTION	DISSOLVED
	CO2	KJELDAHL	NO3 & NO2	NITRATE	AMMONIA	02			RATIO	M.
	MG L	MG L	MG L	4.4	MG L	MG L		M	HEL JN'S	
SAMPLES	23		13	8	9	10	15	23	23	1.1
LOW	0.9		L.005	0.000	L.1	1.0	0.06	1.0	0.05	5.1
HIGH	8.3		0.180	0.113	0.1	23.4	0.28	3.1	0.13	9.1
AVERAGE	2.6		0.076	0.025	0.1	7.3	0.15	1.8	0.08	6.9
STD.DEV	1.7		0.053	0.029	0.0	7.3	0.06	0.6	0.02	1 3
PERCNT:10TH	1.1		L.005		L.1	1.8	0 08	1.2	0.06	5.4
25TH	1.5		0.045	0 000	L.1	2.8	L 10	1.3	0.06	
MEDIAN 50TH	2.3		0.077	0.011	L.1	3.7	0.16	1.9	0.08	6.6
75TH	3.6		0.07	0.034	L.1	9.3	0.18	2.3	0.09	3.0
90TH	4.7		0 150		0.1	20.1	0.21	2.5	0.10	85
MAINUP OUT								-		

STATION 00YT09EB0001 FOR PERIOD 03/06/62 TO 25/09/73
LAT. 64 ° 4 ' 12" LONG. 139 ° 25 ' 30 "

YUKON RIVER AT DAWSON, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED	14101L SILICA REACTIVE	15413L PHOSPHORUS TOTAL PHOSPHATE	DISSOLVED	15255L PHOSPHORUS DISSOLVED ORTHO PO4	16303L SULPHATE DISSOLVED	17203L CHLORIDE DISSOLVED	19103L POTASSIUM DISSOLVED	20103L CALCIUM DISSOLVED	25101L MANGANESE DISSOLVED
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	9 L.01 0.05 0.02 0.02	21 4.00 7.1 5.8 0.9	6 L.005 L.005	7 L.001 0.042 0.011 0.015	4 L.002 L.002	23 14.6 35.1 23.6 5.5	23 L.1 1.4 0.6 0.3	23 0.4 1.4 0.9 0.3	23 15.2 36.1 26.9 5.6	14 L.010 L.01
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	L.01 L.01 0.02 0.03 0.05	4.7 5.30 5.8 6.4 7.0	L.005 L.005 L.005	L.001 0.003 0.016	L.002 L.002 L.002	15.9 20.0 22.8 27.6 31.6	0.3 0.4 0.6 0.8 1.1	0.5 0.6 0.9 1.1 1.2	20.0 23.2 27.2 31.5 33.3	L.010 L.01 L.01 L.010 L.010
BACKUP CODES		02L		64L	57L 59L		02L 06L 01L	02L 01L	01L 02L	04L
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	ZN MG/L	ZN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	2 L.01 L.01	15 L.001 0.30 0.05 0.09	MG/L	MG/L	MG/L	4 0.001 0.011 0.004 0.005	1 L.01 L.01	MG/L	4 0.001 0.008 0.004 0.003	3 L.01 L.01
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	L.01	L.001 L.001 0.020 0.03 0.230				0.002 0.003 0.007			0.002 0.003 0.006	L.01
BACKUP CODES	03L 04L	01L					06L			01L 04L
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	MG/L	MO MG/L	AG MG/L	MG/L	MG/L	UG/L ·		MG/L	MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV								4 L.001 0.040 0.011 0.020	1 L.01 L.01	
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH								L.001 L.001 0.021		
BACKUP CODES									01L	

STATION 00YT09EB0002 FOR PERIOD 29 11 73 TO 29 11 73

LAT 64° 2' 50" LONG 139° 27' 0"

		10 (1)	101016	1,151L	(2.11)					
	HARDNESS TOTAL	PH	ALKALINITY	ALKALINITY PHENOL- PHTHALEIN	COLOUR	TURBIDITY	SATURATION	STABILITY INDEX	SEE 181	SEE EL
	V.> U.3	PH ,NITS	CA OR MG L	CALO3	REL LNTS	JŤU	PH A			
SAMPLES LOW HIGH AVERAGE STD.DEV	1 89.2 89.2	1 8.2 8.2	1 67 67	1 0 0	1 L5 L5	0.7 0.7			177 177	
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES										
	TOTAL DISSOLVED SOLIDS	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	CARBON TOTAL ORGANIC	CARBON TOTAL INORGANIC	CARBON DISSOLVED ORGANIC	BICARBONT (CALCD.)	CARBONATE (CALCD)
	MG L	MG L	MG L	MG L	MG L	MG L	MG L		MO F	
SAMPLES LOW HIGH AVERAGE STD.DEV									81 81	0
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES										
	36401L FREE CO2 (CALCD.)	07002L NITROGEN TOTAL KJELDAHL	07108L NITROGEN DISSOLVED NO3 & NO2	07336L NITROGEN DISSOLVED NITRATE	07551L NITROGEN DISSOLVED AMMONIA N	08401L OXYGEN CONSUMED	091350 FLUORIDE DISSOLVED		SODIUM ABSORPTION RATIO	MAGNESIUM DISSOLVED
CAMPIEC	MG L	MG L	MG L	MG L	MG L	MG L	MC -	. ,	1	M
SAMPLES LOW HIGH AVERAGE STD.DEV	0.8 0.8							1 1.7 1.7	0.08	
PERCNT:10TH 25TH MEDIAN 50TH 75TH										
HA NUP COLES										

WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION 00YT09EB0002 FOR PERIOD 29/11/73 TO 29/11/73

LAT. 64° 2' 50" LONG. 139° 27' 0"

YUKON RIVER ABOVE CONFLUENCE OF KLONDIKE RIVER, YUKON TERRITORY

	ALUMINUM DISSOLVED	SILICA REACTIVE	TOTAL PHOSPHATE	PHOSPHORUS DISSOLVED INORG. PO4	DISSOLVED ORTHO PO4	SULPHATE DISSOLVED	CHLORIDE DISSOLVED	POTASSIUM DISSOLVED	CALCIUM DISSOLVED	25101L MANGANESE DISSOLVED
	AL MG/L	SIO2 MG/L	P MG/L	P MG/L	P MG/L	SO4 MG/L	CL MG/L	K MG/L	CA MG/L	MN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV						1 26.2 26.2	1 0.3 0.3	1 0.6 0.6	1 29.1 29.1	
PERCNT:10TH										
25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES							06L		01L	

STATION 00YT09EC0001 FOR PERIOD 21 06 73 TO 09 08 73

LAT 64° 27' 19" LONG 140° 44' 32"

EASTER CREEK AT DAM, CASSIAR ASBESTOS MINE, CLINTON CREEK, YUKON TERRITORY

MARCHINESS PH ASACALINTY ALKALINITY ALKALINITY ALKALINITY APPRINCIAL PHYTHALES APPRINCIAL APPRIN											
SAMPLES 4		HARDNESS		ALKALINITY	ALKALINITY PHENOL-	COLOUR		SATURATION		SPECIFIC	SPECIFIC
SAMPLES					CA/ ()3						
LOW								PH GARTS	PH JA		US W
HIGH											
AVERAGE STO.DEV 147. 0.6 88 35 51 1.8 526 204					_						
STD.DEV											
MEDIAN SOTH 233, 7.7 127 0 15 0.9 405 599 647 75TH 427, 8.6 246 39 75 3.7 64											
MEDIAN SOTH 369. 36.2 199 3 25 2.1 559 647 75TH 427. 8.6 246 39 75 3.7 6.67 6.47	PERCNT:10TH										
1	25TH	233.	7.7								
Packed codes	MEDIAN 50TH										
1		427.	8.6	246	39	75	3.7			647	
10301	90TH										
TOTAL DISSOLVED RESIDUE RESIDUE RESIDUE FILTERABLE FILTE	BACKUP CODES										
SAMPLES 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		TOTAL DISSOLVED	RESIDUE	RESIDUE FIXED	RESIDUE	RESIDUE FIXED	CARBON	CARBON TOTAL	CARBON DISSOLVED		
SAMPLES LOW											
LOW HIGH		MG L	MG-L		MG·L	MG L	MG L	MG L	MG L		
HIGH AVERAGE STD.DEV 180 246 86 AVERAGE STD.DEV 773 42 PERCNITIOTH 25TH 25TH 25TH 304014 075024 071054 073884 075814 075	SAMPLES										
AVERAGE STD.DEV PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH PRE CO2 (CALCD) TOTAL KJEDAHL NOW AGE WITH NAME OF MITHOGEN NOW AGE WI											
PERCNT:10TH			4	3							
## Packup codes The code											
196 3 237 46 37 37 38 237 346 37 38 38 38 38 38 38 38										124	0
75TH 90TH BACKUP CODES 10											
90TH BACKUP CODES 1											
10										20,	
10											
FREE CO2 (CALCD)											
SAMPLES 4 LOW 1.0 HIGH 4.5 AVERAGE 2.8 STD.DEV 1.9 PERCNT:10TH 25TH 1.2 MEDIAN 50TH 2.8 75TH 4.4 90TH		FREE CO2 (CALCD.)	NITROGEN TOTAL KJELDAHL	NITROGEN DISSOLVED NO3 & NO2	NITROGEN DISSOLVED NITRATE	NITROGEN DISSOLVED AMMONIA	OXYGEN CONSUMED	FLUORIDE DISSOLVED	SODIUM	SODIUM ABSORPTION	MAGNESIUM DISSOLVED
SAMPLES 4 LOW 1.0 HIGH 4.5 AVERAGE 2.8 STD.DEV 1.9 PERCNT:10TH 25TH 1.2 MEDIAN 50TH 2.8 75TH 4.4 90TH										JE! NITC	
LOW 1.0 HIGH 4.5 AVERAGE 2.8 STD.DEV 1.9 PERCNT:10TH 25TH 1.2 MEDIAN 50TH 2.8 75TH 4.4 90TH	SAMDIES		WG L	WG L	WICH L	WG L	WG L	W.O. L		20 000	4.67
HIGH 4.5 AVERAGE 2.8 STD.DEV 1.9 PERCNT:10TH 25TH 1.2 MEDIAN 50TH 2.8 75TH 4.4 90TH											
AVERAGE 2.8 STD.DEV 1.9 PERCNT:10TH 25TH 1.2 MEDIAN 50TH 2.8 75TH 4.4 90TH											
STD.DEV 1.9 PERCNT:10TH 25TH 1.2 MEDIAN 50TH 2.8 75TH 4.4 90TH											
25TH 1.2 MEDIAN 50TH 2.8 75TH 4.4 90TH											
25TH 1.2 MEDIAN 50TH 2.8 75TH 4.4 90TH	PERCNT:10TH										
75TH 4.4 90TH		1.2									
90TH	MEDIAN 50TH	2.8									
	75TH	4.4									
for nut hope.	90TH										
	HA RUP CODE										

STATION 00YT09EC0001 FOR PERIOD 21/06/73 TO 09/08/73 LAT. 64 ° 27 ' 19 " LONG. 140 ° 44 ' 32 "

EASTER CREEK AT DAM, CASSIAR ASBESTOS MINE, CLINTON CREEK, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED	14101L SILICA REACTIVE	15413L PHOSPHORUS TOTAL PHOSPHATE	DISSOLVED INORG. PO4	DISSOLVED ORTHO PO4	16303L SULPHATE DISSOLVED	17203L CHLORIDE DISSOLVED	19103L POTASSIUM DISSOLVED	20103L CALCIUM DISSOLVED	25101L MANGANESE DISSOLVED
SAMPLES LOW HIGH AVERAGE STD.DEV	MG/L	MG/L	MG/L	MG/L	MG/L	4 42.6 184. 140. 67.	MG/L	MG/L	1 77. 77.	MG L
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH						96. 167. 184.				
BACKUP CODES									,1_	
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	ZN MG/L	ZN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	5 0.04 0.35 0.21 0.12		5 0.34 0.74 0.47 0.17					5 0.001 0.006 0.002 0.002		1 0.001 0.001
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	0.16 0.22 0.27		0.34 0.39 0.56					0.001 0.001 0.003		
BACKUP CODES			04L 04P							
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG/L	PB MG/L	PB MG/L	PB MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	4 L.001 0.008 0.003 0.004	2 L.005 0.007 0.006 0.001								5 L.001 0.003 0.001 0.001
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	L.001 L.001 0.005	0.006								L.001 L.001 L.001
BACKUP CODES										

STATION 00YT09EC0002 FOR PERIOD 21 06 73 TO 09 08 73

LAT 64 26 52 LONG 140 43 54

90TH BALKUP CODES

CLINTON CREEK BELOW CONFLUENCE WITH EASTER CREEK YUKON TERRITORY

	HARDNESS TOTAL	РН	ALKALINITY TOTAL	1 151L ALKALINITY PHENOL- PHTHALEIN	COLOUR APPARENT	TURBIDITY	SATURATION INDEX	STABILITY	SPECIFIC CONDUCT.	SPE IFIC
	A (12		. AC () 4	MG L	REL JNT			A. PH A *5	US 1 M	US M
								PA 74 3		
SAMPLES	4	4	4	4	4	4			4	
LOW	154.	7.5	74	0	40	0.2			291	
HIGH	387.	8.5	178	6	100	0.7			679	
AVERAGE	299.	8.0	135	2	64	0.6			532	
STD.DEV	104.	0 4	45	3	26	0.5			171	
PERCNT:10TH										
25TH	226.	7 7	102	0	48	0.4			414	
MEDIAN 50TH	327.	8.0	144	0	58	0.7			580	
75TH	372.	8 4	168	3	80	0.7			651	
90TH	0, 2,									
BACKUP CODES										
BACKOF CODES										
	002030	104016	10501L	10451L	105511	565C1L	Jr. 3%10	J61 11L	062011	56301
	TOTAL DISSOLVED	RESIDUE NONFILTR.	RESIDUE FIXED	RESIDUE FILTERABLE	RESIDUE FIXED	CARBON	CARBON	CARBON DISSOLVED	BICARBONT. (CALCD.)	CARBONATE (CALCD.)
	SOLIDS		NONFILTR.		FILTERABLE	ORGANIC	INORGANIC	ORGANIC	нсоз	CO
	MG L	MG L	MG L	MG L	MG L	MG L	MG L	MG L	MG L	MG .
0.4.40. 50										
SAMPLES									4	4
LOW									91	0
HIGH									202	7
AVERAGE									161	2
STD.DEV									50	4
PERCNT:10TH										
25TH									125	0
MEDIAN 50TH									176	0
75TH									198	4
90TH										
BACKUP CODES										
	064011	37302L	07106L	07306L	07551L	184011	J9*05E	11103L	11201L	12102
	FREE CO2	NITROGEN	NITROGEN	NITROGEN	NITROGEN	OXYGEN	FLUORIDE	SODIUM	SODIUM	MAGNESIUM
	(CALCD.)	TOTAL	DISSOLVED	DISSOLVED	DISSOLVED	CONSUMED	DISSOLVED	DISSOLVED	ABSORPTION	DISSOLVED
		KJELDAHL	NO3 & NO2	NITRATE	AMMONIA N	02		NA	RATIO	M(s
	MG L	MG L	MG L	MG L	MG L	MG L	* *	MG L	REL UNITS	MG L
SAMPLES	4									
LOW	1.1									
HIGH	4.5 2.9									
AVERAGE STD.DEV	1.6									
	1.0									
PERCNT:10TH										
25TH	1.5									
MEDIAN 50TH	3.0									
75TH	4.3									

STATION 00YT09EC0002 FOR PERIOD 21/06/77 TO 09/08/73

LAT. 64 ° 26 ' 52 " LONG. 140 ° 43 ' 54 "

BACKUP CODES

CLINTON CREEK BELOW CONFLUENCE WITH EASTER CREEK, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED	14101L SILICA REACTIVE	15413L PHOSPHORUS TOTAL PHOSPHATE	15363L PHOSPHORUS DISSOLVED INORG. PO4	15255L PHOSPHORUS DISSOLVED ORTHO PO4	16303L SULPHATE DISSOLVED	17203L CHLORIDE DISSOLVED	19103L POTASSIUM DISSOLVED	20103L CALCIUM DISSOLVED	25101L MANGANESE DISSOLVED
	AL	SIO2	Р	P	Р	SO4	CL	К	CA	MN
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG ·L	M3 .
SAMPLES						4			1	
LOW						69.0			10.	
HIGH						194.			10.	
AVERAGE						152.				
STD.DEV						58.				
PERCNT:10TH										
25TH						113.				
MEDIAN 50TH						173.				
75TH						192.				
90TH						152.				
30111										
BACKUP CODES									01L	
	25304P	26102L	26305P	27302P	28302P	29105L	29305L	29305P	30105L	30305L
	MANGANESE EXTRBLE.	IRON DISSOLVED	IRON EXTRBLE.	COBALT EXTRBLE.	NICKEL EXTRBLE.	COPPER	COPPER EXTRBLE.	COPPER EXTRBLE.	ZINC	ZINC EXTRBLE.
	EXTROLE.	DISSOLVED	EATROLE.	EXTROLE.	EATROLE.	DISSOLVED	EXTRBLE.	EXTRBLE.	DISSULVED	EXTRBLE.
	MN	FE	FE	CO	NI	CU	CU	CU	ZN	ZN
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
SAMPLES	4		4					4		1
LOW	0.03		0.15					0.002		0.003
HIGH	0.15		0.37					0.004		0.003
AVERAGE	0.07		0.23					0.003		
STD.DEV	0.05		0.10					0.001		
PERCNT:10TH										
25TH	0.04		0.17					0.002		
MEDIAN 50TH	0.05		0.21					0.003		
75TH	0.11		0.30					0.004		
90TH										
BACKUP CODES			04P							
	000055	004001	400000	170010	400000	500040	000445	82103L	82302L	82302P
	30305P ZINC	33103L ARSENIC	42302P MOLYBDENUM	47301P SILVER	48302P CADMIUM	56301P BARIUM	80311P MERCURY	LEAD	LEAD	LEAD
	EXTRBLE.	DISSOLVED	EXTRBLE.	EXTRBLE.	EXTRBLE.	EXTRBLE.	EXTRBLE.	DISSOLVED	EXTRBLE.	EXTRBLE.
	ZN	AS	MO	AG	CD	BA	HG	PB	PB	PB
	MG. L	MG/L	MG/L	MG/L	MG/L	MG/L	UG/L	MG L	MG/L	MG L
SAMPLES	3	2								4
LOW	0.002	L.005								L.001
HIGH	0.006	0.008								L.001
AVERAGE	0.003	0.006								
STD.DEV	0.002	0.002								
PERCNT:10TH										1 004
25TH	0.000	0.007								L.001
MEDIAN 50TH	0.002	0.007								L.001
75TH										L.001
90TH										
0.10.0.0										

STATION 00YT09EC0003 FOR PERIOD 21 06 73 TO 16 08 73

LAT 64 ° 26 ' 44 " LONG 140 ' 44 ' 25 "

CLINTON CREEK ABOVE CONFLUENCE WITH EASTER CREEK YUKON TERRITORY

MARCHINES Part Alexandry Alexandry Alexandry Part P											
SAMPLES 5 5 5 5 5 5 5 5 5			РН		PHENOL.		TURBIDITY		STABILITY		
SAMPLES LOW 163. 7.5 71 0 20 0.2 HIGH 545. 8.5 215 6 100 0.7 AVERAGE 360. 7.8 155 1 52 0.5 STDLOEV 141 0.4 56 3 3 30 0.2 PERCNT:10TH 25TH 297 7.7 128 0 0 40 0.4 TOTAL 8EBROUE 75TH 405 7.8 152 0 50 0.7 MEDIAN 50TH 388. 7.7 179 0 40 0.4 TOTAL 8EBROUE 8EBROUE 8EBROUE 9EBROUE 9EB		12.00									
LOW HIGH 545, 8.5 215 66 100 0.7 932 932 932 932		M , .		M	M						1,1
HIGH AVERAGE 346. 8.5 215 6 100 0.7 932 932 AVERAGE STD.DEV 141 0.4 56 3 3 30 0.2 5 56 56 56 56 56 56 56 56 56 56 56 56 5	SAMPLES	5	5	5	5	5	5			*)	
AVERAGE 360. 7.8 155 1 52 0.5 626 730 PERONT-10TH 25TH 297 7.7 126 0 40 0.4 673 MEDIAN SOTH 405 7.8 182 0 60 0.7 632 PERONT-10TH 200 40 0.4 673 PERONT-10TH 405 7.8 182 0 60 0.7 PERONT-10TH 405 7.8 4 4 4 4 4 4 4 4 4	LOW	163.	7.5	71	0	20	0.2			308	
PERCNIT-10TH 25TH 25TH 29T 77T 19T 1050 1050 1050 1050 1050 1050 1050 105	HIGH	545.	8.5	215	6	100	0.7			932	
PERCNT:10TH 25TH 405 7.7 126 0 40 0.3 5673 652 575 182 0 60 0.7 5673 652 6673 6673 6673 6673 6673 6673 6673 667	AVERAGE	360.	7.8	155		52	0.5			626	
25TH 388 7.7 179 0 40 0.4 673	STD.DEV	141	0.4	56	3	30	0.5			730	
MEDIAN SOTH 388. 7.7 179 0 40 0.4 673 693	PERCNT:10TH										
15TH 405 7 8 182 0 60 0.7 6931 6932	25TH	297	7 7	126	0	40	03			525	
90TH (RACHUP CODE) CODMIC TOTAL RESIDUE CARBON CARBO	MEDIAN 50TH	388.	7.7	179	0	40	0.4			673	
TOTAL	75TH	405	7 8	182	0	60	0.7			692	
CORDINATE TOTAL DISSOLVED RESIDUE RESIDUE RESIDUE RESIDUE RESIDUE CARBON DISSOLVED D	90TH										
CORDINATE TOTAL DISSOLVED RESIDUE RESIDUE RESIDUE RESIDUE RESIDUE CARBON DISSOLVED D	BACKUP CODES										
TOTAL RESIDUE RESIDU											
DISSOLVED NOMFILTR FIXED FIXER FIXED TOTAL DISSOLVED CALCO C			10401	105011	104516	10551L	06001L	060511	361510	+2.1	61,1
SOLIDS											
SAMPLES LOW HIGH AVERAGE STD.DEV PERCNT:10TH 26401L FREE CO2 MG L			NONFILTR		FILTERABLE					(CALCD.)	(CALCD)
SAMPLES LOW HIGH AVERAGE STD.DEV PERCNT:10TH 25TH 90TH MAGE MAGE MAGE MAGE MAGE MAGE MAGE MAG				NOMI ILITA		TICTEMADEL		Mondanic	ONGANIC	H 30%	
LOW HIGH AVERAGE STD.DEV PERCNT:10TH 25TH MEDIAN SOTH 75TH 90TH BACKUP CODES			*.*	MG L	· ·	MG L	MG L	MG L	MG L	* *	
HIGH AVERAGE STD.DEV 188 186 1 STD.DEV 65 3 PERCNT:10TH 25TH MEDIAN SOTH 75TH 90TH BACKUP CODES 26481L 07692 07165L 07398L 07398L 07561L 08471L 09135L 09135L 0718L 09135L 0718L	SAMPLES									5	5
AVERAGE STD.DEV PERCNT:10TH 25TH MEDIAN SOTH 75TH 90TH BACKUP CODES	LOW									87	0
STD.DEV	HIGH									247	7
PERCNT:10TH	AVERAGE									186	1
25TH MEDIAN 50TH 75TH 90TH BACKUP CODES	STD.DEV									65	3
MEDIAN 50TH 75TH 90TH 75TH 90TH 175TH 90TH 90TH 175TH 90TH	PERCNT:10TH										
75TH 90TH BACKUP CODES	25TH									154	0
90TH BACKUP CODES Code C	MEDIAN 50TH									218	0
CAUCH CODES CAUCH CODES CAUCH CODES CAUCH CODES CAUCH CODES CAUCH CAUC	75TH									222	0
CALOD CALOD NITROGEN NITR	90TH										
FREE CO2	BACKUP CODES										
FREE CO2											
CALCD. TOTAL DISSOLVED DISSOLVED DISSOLVED CONSUMED DISSOLVED DISSOLVED RATIO RATIO										000	
No											
SAMPLES 5 LOW 1.3 HIGH 7.0 AVERAGE 4.7 STD.DEV 2.4 PERCNT:10TH 25TH 3.8 MEDIAN 50TH 4.4 75TH 6.9 90TH								2.002			0.000
SAMPLES 5 LOW 1.3 HIGH 7.0 AVERAGE 4.7 STD.DEV 2.4 PERCNT:10TH 25TH 3.8 MEDIAN 50TH 4.4 75TH 6.9 90TH											
LOW 1.3 HIGH 7.0 AVERAGE 4.7 STD.DEV 2.4 PERCNT:10TH 25TH 3.8 MEDIAN 50TH 4.4 75TH 6.9 90TH			MG L	MG L	MG L	MG L				HE: UN TO	W3.
HIGH 7.0 AVERAGE 4.7 STD.DEV 2.4 PERCNT:10TH 25TH 3.8 MEDIAN 50TH 4.4 75TH 6.9 90TH											
AVERAGE 4.7 STD.DEV 2.4 PERCNT:10TH 25TH 3.8 MEDIAN 50TH 4.4 75TH 6.9 90TH											
STD.DEV 2.4 PERCNT:10TH 25TH 3.8 MEDIAN 50TH 4.4 75TH 6.9 90TH											
PERCNT:10TH 25TH 3.8 MEDIAN 50TH 4.4 75TH 6.9 90TH											
25TH 3.8 MEDIAN 50TH 4.4 75TH 6.9 90TH	STO.DEV	2.4									
MEDIAN 50TH 4.4 75TH 6.9 90TH	PERCNT:10TH										
75TH 6.9 90TH	25TH	3.8									
90TH	MEDIAN 50TH	4.4									
	75TH	6.9									
EN KUP COSES	90TH										
	BA KUP CODES										

STATION 00YT09EC0003 FOR PERIOD 21/06/73 TO 16/08/73

LAT. 64° 26' 44" LONG. 140° 44' 25"

CLINTON CREEK ABOVE CONFLUENCE WITH EASTER CREEK, YUKON TERRITORY

SAMPLES LOW HIGH AVERAGE STD.DEV PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	13101L ALUMINUM DISSOLVED AL MG/L	14101L SILICA REACTIVE SIO2 MG/L	15413L PHOSPHORUS TOTAL PHOSPHATE P MG/L	15363L PHOSPHORUS DISSOLVED INORG. PO4 P MG/L	15255L PHOSPHORUS DISSOLVED ORTHO PO4 P MG/L	16303L SULPHATE DISSOLVED S04 MG/L 5 78.0 306. 197. 85.	17203L CHLORIDE DISSOLVED CL MG/L	19103L POTASSIUM DISSOLVED K MG L	CALCIUM DISSOLVED CA MG L 1 61.3 61.3	25101L MANGANESE DISSOLVED MN MG-L
BACKUP CODES									01L	
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	ZN MG/L	ZN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	5 0.02 0.16 0.08 0.07		5 0.030 0.39 0.23 0.13					5 0.001 0.005 0.003 0.001		1 0.005 0.005
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	0.03 0.03 0.15		0.19 0.25 0.29					0.002 0.003 0.003		
BACKUP CODES			04P							
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG/L	ΡF, Μ	PB MG/L	РВ М
SAMPLES LOW HIGH AVERAGE STD.DEV	4 0.002 0.006 0.004 0.002	2 L.005 0.007 0.006 0.001								5 L.001 0.003 0.001 0.001
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	0.003 0.004 0.006	0.006								L.001 L.001 0.001
BACKUP CODES										

STATION 00YT09EC0004 FOR PERIOD 21 06 73 TO 16 08 73

LAT 64 26 41" LONG 140 42 44"

CLINTON CREEK DOWNSTREAM OF CASSIAR ASBESTOS MINE WASTE ROCK PILE YUKON TERRITORY

	HARDNESS	PH	TOTAL	PHENOL- PHTHALEIN	COLOUR	TURBIDITY	SATURATION	STABILITY	SEE TER	SPECIFIC
	V			A* / 4			A. 5 PH 5 TS	Pri it, *		
SAMPLES	.1	4	4	4	4	4			. 4	
LOW	181.	7.5	96	0	80	6.0			333	
HIGH	750.	8.4	314	2	150	4100.			11900	
AVERAGE	498.	7.9	210	1	113	1056.			3517	
STD.DEV	258	0.4	95	1	30	2030			6.71	
PERCNT:10TH										
25TH	292	7 7	135	0	90	6 1			537	
MEDIAN 50TH	531.	7.9	216	0	110	58.			918	
75TH 90TH	705	8.2	286	1	135	2105			6498	
HAUKUF CODES										
	J0203L	134011	135012	10451L	105511	160012	16051L	06101	r12"1"	e, - 1
	TOTAL	RESIDUE	RESIDUE	RESIDUE	RESIDUE	CARBON	CARBON	CARBON	BICARBONT.	CARBONAT
	DISSOLVED	NONFILTR.	NONFILTR.	FILTERABLE	FILTERABLE	ORGANIC	INORGANIC	DISSOLVED	(CALCD.)	(CALCD)
	(CALCD)				, it it is in the t	(C	C		
	MG E				MG L	MG L	MG L	MG L		
SAMPLES		3	2						4	.1
LOW		28	8						118	0
HIGH		7116	49						383	2
AVERAGE		2398	29						255	1
STD.DEV		4086	29						115	1
PERCNT:10TH										_
25TH									165	0
MEDIAN 50TH		51	29						260	0
75TH 90TH									346	1
BACKUP CODES										
	FREE CO2 (CALCD.)	NITROGEN TOTAL	NITROGEN DISSOLVED	NITROGEN DISSOLVED	NITROGEN DISSOLVED	OXYGEN CONSUMED	FLUORIDE DISSOLVED	SODIUM DISSOLVED	SODIUM	MAGNESIUI DISSOLVED
		KJELDAHL	NO3 & NO2	NITRATE	AMMONIA				RATIO	
	C02 MG C	MG L	NG L	MG L	MG E		F MG L	MG L	HEL UN "S	Wo c
CARADITO										
SAMPLES	4									
LOW	1.9									
HIGH	9.6									
AVERAGE	5.2									
STD.DEV	3.4									
PERCNT:10TH										
25TH	2.6									
MEDIANI COTH	A E									

BA KUP COSES

MEDIAN 50TH

75TH 90TH

4.6 7.8 STATION 00YT09EC0004 FOR PERIOD 21/06/73 TO 16/08/73 LAT. 64 ° 26 ' 41 " LONG. 140 ° 42 ' 44 "

CLINTON CREEK DOWNSTREAM OF CASSIAR ASBESTOS MINE WASTE ROCK PILE, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED AL MG/L	14101L SILICA REACTIVE SIO2 MG/L	15413L PHOSPHORUS TOTAL PHOSPHATE P MG/L	15363L PHOSPHORUS DISSOLVED INORG. PO4 P MG/L	15255L PHOSPHORUS DISSOLVED ORTHO PO4 P MG/L	16303L SULPHATE DISSOLVED SO4 MG/L	17203L CHLORIDE DISSOLVED	19103L POTASSIUM DISSOLVED	20103L CALCIUM DISSOLVED CA MG 'L	25101L MANGANESE DISSOLVED MN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV						4 71.2 403. 268. 153.				
PERCNT:10TH										
25TH MEDIAN 50TH 75TH 90TH						146. 298. 389.				
BACKUP CODES										
	25304P MANGANESE	26102L IRON	26305P IRON	27302P COBALT	28302P NICKEL	29105L COPPER	29305L COPPER	29305P COPPER	30105L ZINC	30305L ZINC
	EXTRBLE.	DISSOLVED	EXTRBLE.	EXTRBLE.	EXTRBLE.	DISSOLVED	EXTRBLE.	EXTRBLE.	DISSOLVED	EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	ZN MG/L	ZN MG/L
SAMPLES LOW HIGH AVERAGE	4 1.50 9.00 4.15		4 2.52 31.0 11.0					4 0.003 0.08 0.02		0.18 0.18
STD.DEV PERCNT:10TH	3.36		13.5					0.04		
25TH MEDIAN 50TH 75TH 90TH	1.95 3.05 6.35		3.11 5.25 18.9					0.003 0.006 0.04		
BACKUP CODES			04P					06P		04L
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG/L	PB MG L	PB MG/L	PB MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	3 L.001 0.07 0.02 0.04	2 L.005 0.005 0.005								4 L.001 0.010 0.004
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	L.001	0.005								L.001 0.002 0.007
BACKUP CODES	04P									

STATION 00YT09EC0005 FOR PERIOD 21 06 73 TO 12:10 73

LAT 64 ° 23 ' 40 " LONG 140 ° 35 ' 50 "

FORTYMILE RIVER AT CASSIAR ASBESTOS MINE POWER PLANT YUKON TERRITORY

	1 05 14	103016		101511					25 1.F	.5 4.
	HARDNESS TOTAL	PH	ALKALINITY TOTAL	ALKALINITY PHENOL-	COLOUR APPARENT	TURBIDITY	SATURATION	STABILITY	SPECIFIC CONDUCT.	SPECIFIC CONDUCT.
	03			PHTHALEIN						
	MG L	PH UNITS	CAC O3 MG L	CACO3 MG L	REL UNITS	JTU	PH UNITS	CALL D PH UNITS	US M	US 🐫
	WO F	PH DMIS		IVIG L	NEE OMIS		Fri Unitio	Fr Units	175 191	03 7
SAMPLES	6	6	6	6	6	6			6	
LOW	38.6	7.0	25	0	30	0.3			126	
HIGH	110.	8.3	71	0	100	11.0			768	
AVERAGE	68.	7.7	48	0	56	2.3			255	
STD.DEV	23.	0.4	15	0	24	4.3			253	
JID.DET	20.	0.4	10	v		7.0			200	
PERCNT:10TH										
25TH	60.0	7.5	43	0	45	0.5			132	
MEDIAN 50TH	63.5	7.7	47	0	50	0.5			145	
75TH	73.0	7.9	54	0	60	1.0			212	
90TH	, 0.0	7.0	04	· ·						
30111										
BACKUP CODES										
	CC203L	10401L	10501L	10451L	10551L		06051L	06101L	06201L	063,11
	TOTAL	RESIDUE	RESIDUE	RESIDUE	RESIDUE	CARBON	CARBON	CARBON		CARBONATE
	DISSOLVED	NONFILTR.	FIXED	FILTERABLE	FIXED	TOTAL	TOTAL	DISSOLVED	(CALCD.)	(CALCD.)
	SOLIDS		NONFILTR.		FILTERABLE	ORGANIC	INORGANIC	ORGANIC	HCO3	CO3
	(CALCD) MG L	MG L	MG L	MG L	MG·L	C MG L	MG L	C MG L	MG L	MG L
	IVIG L			MC	WO L	W/G L		IVIC3 L		
SAMPLES		1	1						6	6
LOW		59	47						31	0
HIGH		59	47						87	0
AVERAGE									59	0
STD.DEV									18	0
0.5.52										
PERCNT:10TH										
25TH									52	0
MEDIAN 50TH									58	0
75TH									66	0
90TH										
30111										
BACKUP CODES										
	06401L	07002L	07105L	07306L	07551L	08431L	09105L	11103L	11201L	121021
	FREE CO2	NITROGEN	NITROGEN	NITROGEN	NITROGEN	OXYGEN	FLUORIDE	SODIUM	SODIUM	MAGNESIUM
	(CALCD.)	TOTAL.	DISSOLVED	DISSOLVED	DISSOLVED	CONSUMED	DISSOLVED	DISSOLVED	ABSORPTION	DISSOLVED
	CO2	KJELDAHL N	NO3 & NO2 N	NITRATE	AMMONIA N	02	F	NA	RATIO	MG
	MG/L	MG/L	MG/L	MG/L	MG/L	MG L	MG-L	MG L	REL UNITS	MG L
SAMPLES	6									
LOW	0.7									
HIGH	4.9									
AVERAGE	2.3									
STD.DEV	1.5									
PERCNT:10TH										
25TH	1.1									
MEDIAN 50TH	2.1									
75TH	2.8									
	2.0									
90TH										
BALKUP CODES										

STATION 00YT09EC0005 FOR PERIOD 21/06/73 TO 12/10/73

LAT. 64 ° 23 ' 40 " LONG. 140 ° 35 ' 50 "

FORTYMILE RIVER AT CASSIAR ASBESTOS MINE POWER PLANT, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED AL MG/L	14101L SILICA REACTIVE S.O2 MG/L	15413L PHOSPHORUS TOTAL PHOSPHATE P MG/L	15363L PHOSPHORUS DISSOLVED INORG. PO4 P MG/L	15255L PHOSPHORUS DISSOLVED ORTHO PO4 P MG/L	16303L SULPHATE DISSOLVED SO4 MG/L	17203L CHLORIDE DISSOLVED CL MG/L	19103L POTASSIUM DISSOLVED	20103L CALCIUM DISSOLVED CA MG/L	25101L MANGANESE DISSOLVED MN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV						6 8.1 32.3 19.4 7.9			1 21.2 21.2	
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH						16.3 18.7 22.4				
BACKUP CODES									01L	
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE,	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	ZN MG/L	ZN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	6 L.01 0.04 0.02 0.01		6 0.032 1.10 0.41 0.41					6 0.001 0.004 0.003 0.001		1 0.004 0.004
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	L.01 0.02 0.04		0.17 0.22 0.70					0.002 0.003 0.004		
BACKUP CODES			04P							
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG·L	MC PB	PB MG/L	'V .
SAMPLES LOW HIGH AVERAGE STD.DEV	5 L.001 0.010 0.003 0.004	2 L.005 0.008 0.006 0.002								6 L.001 0.003 0.001
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	L.001 L.001 0.001	0.007								L.001 L.001 0.002
BACKUP CODES										

STATION 00YT09EC0006 FOR PERIOD 21 06 73 TO 12 10 73

LAT 64 ° 24 ' 7" LONG 140 ° 36 ' 22"

CLINTON CREEK AT BRIDGE ON CASSIAR ASBESTOS MINE TOWNSITE ROAD YUKON TERRITORY

	HARDNESS TOTAL	t sanst	ALKALINITY TOTAL	ALKALINITY PHENOL-	COLOUR	TURBIDITY	SATURATION	STABILITY	SPECIFIC CONDUCT.	SPECIFIC CONDUCT
				PHTHALEIN						
	Mort	PH . N. TS	CA O3 MG L	CACO3 MG L	REL UN *S	JTU	PH N°S	PH 1.75	CS M	U . 11
SAMPLES	6	6	6	6	6	6			6	
LOW	190.	7.5	95	0	40	0.4			333	
HIGH	552.	8.8	285	14	120	105.			920	
AVERAGE	361.	8.1	179	3	74	35.			618	
STD.DEV	143.	0.5	77	6	37	53.			228	
PERCNT:10TH										
25TH	211.	7.6	100	0	40	0.5			393	
MEDIAN 50TH	368.	8.0	173	0	63	1.0			627	
75TH	479.	8.5	250	6	120	100.			805	
90TH										
BACKUP CODES										
	0 203L TOTAL DISSOLVED	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED	06.01L CARBON TOTAL	CARBON TOTAL	06101L CARBON DISSOLVED	Oh? 1L BICARBONT. (CALCD.)	CARBONATI (CALCD.)
	SOLIDS		NONFILTR.		FILTERABLE	ORGANIC	INORGANIC	ORGANIC		
	(CALCD)					С	С		HEO3	
	MG L	MG L	MG L	MG L	MG L	MG L	MG L	MG L	MS L	Mod
SAMPLES		2							6	6
LOW		1851							116	0
HIGH		2536							333	17
AVERAGE		2194							210	4
STD.DEV		484							84	7
PERCNT:10TH										
25TH									121	0
MEDIAN 50TH		2194							211	0
75TH		2134							270	7
90TH									210	
90111										
BACKUP CODES										
	06401L	07002L	07105L	07306L	07551L	08401L	09105L	11103L	11201L	121)21
	(CALCD.)	NITROGEN TOTAL KJELDAHL	NITROGEN DISSOLVED NO3 & NO2	NITROGEN DISSOLVED NITRATE	NITROGEN DISSOLVED AMMONIA	OXYGEN	FLUORIDE DISSOLVED	SODIUM	SODIUM ABSORPTION RATIO	MAGNESIUN DISSOLVED
	CO2	N	N N	N	N	02	F	NA		Mici
	MG L	MG L	MG L	MG L	MG L	MG L	MG L	MG L	REL UNITS	Mo.
SAMPLES	6									
LOW	0.7									
HIGH	8.0									
AVERAGE	3.8									
STD.DEV	2.8									
PERCNT:10TH										
25TH	1.7									
AREDIANI COTH	2.2									

BAL HUP CODE

MEDIAN 50TH

75TH

90TH

3.2

5.8

WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION 00YT09EC0006 FOR PERIOD 21/06/73 TO 12/10/73

LAT. 64 ° 24 ' 7" LONG. 140 ° 36 ' 22"

CLINTON CREEK AT BRIDGE ON CASSIAR ASBESTOS MINE TOWNSITE ROAD, YUKON TERRITORY

SAMPLES LOW HIGH AVERAGE STD.DEV PERCNT:10TH 25TH MEDIAN 50TH 75TH	13101L ALUMINUM DISSOLVED AL MG/L	14101L SILICA REACTIVE SIO2 MG/L	15413L PHOSPHORUS TOTAL PHOSPHATE P MG/L	15363L PHOSPHORUS DISSOLVED INORG. PO4 P MG/L	15255L PHOSPHORUS DISSOLVED ORTHO PO4 P MG/L	16303L SULPHATE DISSOLVED SO4 MG/L 6 81.5 250. 156. 67.	17203L CHLORIDE DISSOLVED CL MG/L	19103L POTASSIUM DISSOLVED K MG/L	CALCIUM DISSOLVED CA MG L 1 73.8 73.8	25101L MANGANESE DISSOLVED MN MG L
90TH										
BACKUP CODES									01L	
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	ZN MG/L	ZN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	6 0.14 1.00 0.41 0.37		6 0.15 16.0 3.7 6.3					6 0.003 0.07 0.02 0.03		0.09 0.09
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	0.15 0.21 0.76		0.21 0.43 5.20					0.004 0.005 0.05		
BACKUP CODES			04P					06P		04L
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG/L	PB MG/L	PB MG/L	PB MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	5 L.001 0.13 0.03 0.06	2 0.005 0.005 0.005 0.000								6 L.001 0.011 0.004 0.005
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	0.002 0.002 0.004	0.005								L.001 L.001 0.009
BACKUP CODES	04P									

STATION 00YT09EC0007 FOR PERIOD 21 06 73 TO 12 10 73

CLINTON CREEK AT FOOTBRIDGE ABOVE CONFLUENCE WITH FORTYMILE RIVER YUKON TERRITORY

	HARDNESS TOTAL	РН	ALKALINITY TOTAL	ALKALINITY PHENOL-	COLOUR APPARENT	TURBIDITY	SATURATION	STABILITY INDEX	5816 x 1811 	1/PE 181
	. A. O.		. 2. 174	PHTHALEIN			A, ' O			
	Mis .		Mi, c	8,6 , L	REL UNTS	JTU	PM (A)	P14 ,54 *		
0446150		C		6	6	6			f.	
SAMPLES	6	6 7.5	6 95	0	40	0.8			354	
LOW	188. 447.	8.6	248	12	120	120.			806	
HIGH	325.	8.0	166	2	71	37.			583	
AVERAGE STD.DEV	107.	0.4	61	5	33	55			177	
PERCNT:10TH 25TH	211	7.6	101	0	45	0.9			394	
MEDIAN 50TH	344.	7.9	169	0	60	2.4			611	
	418	8.2	215	0	100	95.0			718	
75TH 90TH	410	0 2	215	U	100	93.0			' ')	
BACKUP CODES										
		10401L	105011	104516	10551L	060011	`h351_	51,10	4,2 1	e 1.1.
	TOTAL DISSOLVED SOLIDS	RESIDUE NONFILTR.	FIXED NONFILTR.	RESIDUE FILTERABLE	FIXED FILTERABLE	TOTAL ORGANIC	TOTAL INORGANIC	CARBON DISSOLVED ORGANIC	(CALCD.)	CALCO
	·CALCD ·								H ,()3	
	MG L		MG L	MG L	MG L	MG L	MG L	Mala	WG C	Mar 2
SAMPLES		2							6	6
LOW		1382							116	0
HIGH		1916							302	15
AVERAGE		1649							198	3
STD.DEV		378							70	6
PERCNT:10TH										
25TH									123	0
		1649							206	0
MEDIAN 50TH		1049								0
75TH 90TH									232	U
BACKUP CODES										
	76401.	C7002L	37105L	07306L	07551L	08401	191050	111031		121.2
	FREE CO2	NITROGEN	NITROGEN	NITROGEN	NITROGEN	OXYGEN	FLUORIDE	SODIUM	SODIUM	MAGNESIUM
	(CALCD.)	TOTAL	DISSOLVED	DISSOLVED	DISSOLVED	CONSUMED	DISSOLVED	DISSOLVED	ABSORPTION	DISSOLVED
	CO5	KJELDAHL	NO3 & NO2	NITRATE	AMMONIA N	02		1.1	RATIO	A ₂ e ,
	MG L	MG L	MG L	MG L	MG L	MG L		MG L	REL UNITS	Mar.
SAMPLES	6									
LOW	1.0									
HIGH	8.5									
AVERAGE	4.2									
STD.DEV	28									
PERCNT:10TH										
25TH	19									
MEDIAN 50TH	4.0									
75TH	5.8									

90TH BA KUP CODES STATION 00YT09EC0007 FOR PERIOD 21/06/73 TO 12/10/73

LAT. 64 ° 23 ' 53 " LONG. 140 ° 35 ' 35 "

CLINTON CREEK AT FOOTBRIDGE ABOVE CONFLUENCE WITH FORTYMILE RIVER. YUKON TERRITORY

SAMPLES LOW HIGH AVERAGE STD.DEV PERCNT:10TH 25TH MEDIAN 50TH	13101L ALUMINUM DISSOLVED AL MG/L	14101L SILICA REACTIVE SIO2 MG/L	15413L PHOSPHORUS TOTAL PHOSPHATE P MG/L	15363L PHOSPHORUS DISSOLVED INORG. PO4 P MG/L	15255L PHOSPHORUS DISSOLVED ORTHO PO4 P MG/L	S04 MG/L 6 81.0 199. 148. 47.	17203L CHLORIDE DISSOLVED CL MG/L	19103L POTASSIUM DISSOLVED K MG-L	CALCIUM DISSOLVED CA MG-L 1 75.2 75.2	25101L MANGANESE DISSOLVED MN.
75TH 90TH						180.				
BACKUP CODES									01L	
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG*L	ZN MG/L	ZN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	6 0.09 0.80 0.33 0.32		6 0.20 14.0 4.5 6.6			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	.,,,,,,	6 0.009 0.06 0.03 0.02		1 0.08 0.08
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	0.11 0.16 0.68		0.20 0.31 12.0					0.010 0.03 0.04		
BACKUP CODES			04P					06P		04೬
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG/L	PB MG/L	PB MG/L	PB MG L
SAMPLES LOW HIGH AVERAGE STD.DEV	5 0.007 0.10 0.03 0.04	3 L.005 0.006 0.005 0.001								6 L.001 0.011 0.004 0.004
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	0.007 0.013 0.03	0.005								L.001 0.001 0.008
BACKUP CODES	04P									

STATION 00YT09EC0008 FOR PERIOD 21 06 73 TO 12 10 73

64 ° 24 ' 10 " LONG 140 ° 35 ' 28 "

FORTYMILE RIVER BELOW CONFLUENCE WITH CLINTON CREEK, YUKON TERRITORY

	HARDNESS TOTAL	РН	ALKALINITY TOTAL	ALKALINITY PHENOL- PHTHALEIN	COLOUR	TURBIDITY	SATURATION INDEX	STABILITY	SPECIFIC CONDUCT	SPECIFIC CONDUCT
	EO.1A.,		CACO3	CAGOS			CALCO :			
	MG L		M.3 F	MG L	UNIT	JTU	PH UNITS		.M.	us M
SAMPLES	6	6	6	6	6	6			6	
LOW	68.3	7.1	40	0	30	0.4			132	
HIGH	112.	8.4	77	1	100	37.0			227	
AVERAGE	81.	7.8	55	0	58	11.7			165	
STD.DEV	17.	0.5	12	0	24	17.4			34	
PERCNT:10TH										
25TH	69 3	7 4	49	0	45	0.4			147	
MEDIAN 50TH	74.7	7.8	52	0	50	0.6			153	
75TH	85.5	8.0	59	0	70	31.0			177	
90TH										
BACKUP CODES										
	00203L TOTAL DISSOLVED SOLIDS	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	05001L CARBON TOTAL ORGANIC	06051L CARBON TOTAL INORGANIC	CARBON DISSOLVED ORGANIC	P6201L BICARBONT. (CALCD.)	06301. CARBONATE (CALCD.)
	(CALCD)					С	С	(HCO3	CO3
	MG L	V	MG L	MG L	MG L	MG. L	MG L	MG L	MG L	MG L
SAMPLES		2	2						6	6
LOW		185	149						49	0
HIGH		280	221						92	1
AVERAGE		233	185						67	0
STD.DEV		67	51						15	0
PERCNT:10TH										
25TH									60	0
MEDIAN 50TH		233	185						63	0
75TH									72	0
90TH										
BACKUP CODES										
	06401L FREE CO2 (CALCD.) CO2 MG L	07002L NITROGEN TOTAL KJELDAHL N	07105L NITROGEN DISSOLVED NO3 & NO2 N	07306L NITROGEN DISSOLVED NITRATE N	07551L NITROGEN DISSOLVED AMMONIA N	08401L OXYGEN CONSUMED	09105L FLUORIDE DISSOLVED F	11103L SODIUM DISSOLVED NA MG L	SODIUM ABSORPTION RATIO	12102L MAGNESIUM DISSOLVED
SAMPLES	6								0.010	
LOW	0.6									
HIGH	6.2									
AVERAGE	2.5									
STD.DEV	2.2									
PERCNT:10TH										
	0.9									
25TH MEDIAN 50TH	1.7									
75TH	4.1									
90TH	4 1									
BACKUP CODES										

STATION 00YT09EC0008 FOR PERIOD 21/06/73 TO 12/10/73 LAT. 64 ° 24 ' 10 " LONG. 140 ° 35 ' 28 "

FORTYMILE RIVER BELOW CONFLUENCE WITH CLINTON CREEK, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED	14101L SILICA REACTIVE	15413L PHOSPHORUS TOTAL PHOSPHATE	DISSOLVED	15255L PHOSPHORUS DISSOLVED ORTHO PO4	16303L SULPHATE DISSOLVED	17203L CHLORIDE DISSOLVED	19103L POTASSIUM DISSOLVED	20103L CALCIUM DISSOLVED	25101L MANGANESE DISSOLVED
SAMPLES LOW HIGH AVERAGE STD.DEV	MG/L	MG/L	MG/L	MG/L	MG/L	6 9.6 38.5 23.1 9.4	MG/L	MG/L	1 22.6 22.6	MG/L
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH						20.7 21.9 26.2				
BACKUP CODES									01L	
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	ZN MG/L	ZN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	6 L.01 0.14 0.05 0.06		6 0.12 3.10 1.00					6 0.003 0.013 0.006 0.005		1 0.01 0.01
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	0.01 0.02 0.12		0.20 0.25 2.10					0.003 0.003 0.011		
BACKUP CODES			04P							04L
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG/L	PB MG/L	PB MG/L	PB MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	5 L.001 0.010 0.004 0.004	3 0.005 0.015 0.008 0.006								6 L.001 0.007 0.002 0.002
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	L.001 L.001 0.006	0.005								L.001 L.001 0.002
BACKUP CODES										

STATION 00YT09FD0001 FOR PERIOD 22 08 67 TO 14 09 73 LAT 67 ° 33 ' 50 " LONG 139 ° 53 ' 0 "

PORCLIPINE RIVER AT WISIC GAUGE NEAR RICIMP BARRACKS IN OLD CROW-YUKON TERRITORY

	HARDNESS	PH	ALKALINITY	ALKALINITY PHENOL- PHTHALEIN	COLOUR APPARENT	TURBIOITY	SATURATION	STABILITY INDEX	CONDUCT	FF JF.
	MG L	PH JNITS	MGL	MGE	REL UNITS	JTU	PH ON TS	PH UN TS	es w	
SAMPLES	52	52	52	52	50	51	49	49	52	
LOW	7.8	6.5	8	0	L5	0.2	-3.5	6.4	15	
HIGH	210.	8.6	182	6	120	135.	1.1	13.5	470	
AVERAGE	124.	7.8	104	0	28	20.	-0.1	8.0	247	
STD.DEV	57.	0.4	51	1	30	32.	0.8	1.3	121	
PERCNT:10TH	53.0	7.5	42	0	L5	0.6	-0.8	6.9	97	
25TH	75.5	7.6	62	0	5	1.4	-0.6	7.2	148	
MEDIAN 50TH	120.	7.8	105	0	10	5.7	0.1	7.6	256	
75TH	180.	8.0	152	0	50	23.0	0.3	8.8	367	
90TH	197.	8.3	166	0	63	64.0	0.7	9.4	394	
BACKUP CODES										
	TOTAL DISSOLVED	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED	10451L RESIDUE FILTERABLE	105×1L RESIDUE FIXED	06001L CARBON TOTAL	06051L CARBON TOTAL	06171L CARBON DISSOLVED	BICARBONT.	CARBONATE (CALCD)
	(CALCD)		NONFILTR.		FILTERABLE	ORGANIC	INORGANIC	ORGANIC	HCO3	
	MG L	MG L	MG L	MG L	MG L	MG L	MG L	MG L	MG L	
SAMPLES	49	10	10	3	3	4	4		52	52
LOW	9	5	2	93	65	2.0	12.0		10	0
HIGH	227	478	420	219	204	13.0	28.0		222	7
AVERAGE	133	97	84	146	125	7.5	22.3		127	0
STD.DEV	64	155	139	65	72	4.5	7.0		62	1
PERCNT:10TH	52	6	2						51	
25TH	76	8	3			4.5	18.0		75	0
MEDIAN 50TH	133	24	19	127	105	7.5	24.5		128	0
75TH	192	110	97			10.5	26.5		183	0
90TH	216	367	328						202	0
BACKUP CODES										
	06401L FREE CO2 (CALCD.)	07002L NITROGEN TOTAL	07105L NITROGEN DISSOLVED	07306L NITROGEN DISSOLVED	07551L NITROGEN DISSOLVED	08401L OXYGEN CONSUMED	09105L FLUORIDE DISSOLVED	11193L SODIUM DISSOLVED	11201L SODIUM ABSORPTION	MAGNESIUM DISSOLVED
	CO2	KJELDAHL N	NO3 & NO2 N	NITRATE	AMMONIA N	02	F	NA	RATIO	W .
	MG L	MG L	MG L	MG L	MG L	MG L	MG L	MG L	REL UNITS	W 5 1
SAMPLES	52	1	47		12	7	20	52	52	
LOW	0.1	0.0	L.005		L.1	L.5	0.00	0.4	0.02	
HIGH	13.4	0.0	2.71		0.5	7.8	0.17	7.3	0.23	
AVERAGE	3.6		0.21		0.2	4.1	0.08	3.5	0.13	
STD.DEV	3.2		0.39		0.1	2.7	0.04	2.3	0.06	
PERCNT:10TH	1.1		L.005		L.1		0.05	0.7	0.04	
25TH	1.3		0.070		L.1	1.8	0.06	1.3	0.07	
MEDIAN 50TH	2.3		0.170		0.1	3.5	0.09	3.4	0.14	
75TH	5.0		0.226		0.2	7.1	0.10	5.7	0.18	
90TH	8.3		0.316		0.3		0.12	6.3	0.20	

BA KUP . ODES

STATION 00YT09FD0001 FOR PERIOD 22/08/67 TO 14/09/73

LAT. 67 ° 33 ' 50 " LONG. 139 ° 53 ' 0 "

PORCUPINE RIVER AT W.S.C. GAUGE NEAR R.C.M.P. BARRACKS IN OLD CROW, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED	14101L SILICA REACTIVE	15413L PHOSPHORUS TOTAL PHOSPHATE P	15363L PHOSPHORUS DISSOLVED INORG. PO4	15255L PHOSPHORUS DISSOLVED ORTHO PO4	16303L SULPHATE DISSOLVED	17203L CHLORIDE DISSOLVED	19103L POTASSIUM DISSOLVED	20103L CALCIUM DISSOLVED	25101L MANGANESE DISSOLVED
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	CL MG/L	K MG/L	CA MG/L	MN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	2 0.04 0.04 0.04 0.00	50 0.2 4.6 3.2 1.0	5 0.007 0.101 0.032 0.039	5 0.000 0.019 0.009 0.008	14 0.000 0.033 0.008 0.009	51 L1.0 36.7 16.9 8.5	51 0.2 13.6 3.4 3.0	51 0.1 3.5 0.7 0.6	51 2.6 65.2 38.8 17.0	11 0.000 0.02 0.01 0.00
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	0.04	1.7 2.6 3.6 4.0 4.2	0.010 0.014 0.029	L.001 0.010 0.013	L.002 L.002 0.007 0.010 0.016	4.5 8.9 18.3 24.1 25.9	0.5 0.8 2.2 6.0 6.7	0.4 0.5 0.6 0.7 0.8	18.4 25.4 36.0 55.3 61.2	L.010 L.010 L.010 L.010 L.01
BACKUP CODES		02L		64L	57L 59L		06L		01L	04L
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	ZN MG/L	N.S. J
SAMPLES LOW HIGH AVERAGE STD.DEV	6 L.01 0.02 0.01 0.00	17 0.000 0.190 0.053 0.065	1 0.08 0.08			9 0.000 L.01 0.01	5 L.01 L.01	1 L.001 L.001	9 0.000 L.01 0.01 0.00	5 L.01 0.05 0.02 0.02
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	L.01 L.01 L.01	L.001 0.010 0.020 0.100 0.170				0.000 0.001 0.007 L.01 L.01	L.01 L.01		0.000 0.004 0.007 L.01 L.01	L.01 L.01 L.01
BACKUP CODES	04L		04P			06L	06L		04L	04L
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN	AS	MO	AG	CD	BA	HG UG/L	. PB MG/L	PB MG/L	PB MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	1 0.003 0.003	1 L.005 L.005	MG/L	MG/L	MG/L	MG/L	06/1	9 0.000 L.05 0.02 0.03	5 L.01 L.01	1 L.001 L.001
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH								0.000 L.001 0.006 L.05 L.05	L.01 L.01 L.01	
BACKUP CODES								01L	011	

1.7

0.06

0.09

L.10

STATION 00YT10AA0001 FOR PERIOD: 29 11 68 TO 10 10 73

LAT 60 3 0" LONG 128 54 0"

	CROSSIN 3 YU			PIDGE ON	ALASKA HIC	HWAY IN U	JPPER LIAR			
									12 14	
	HARDNESS TOTAL	РН	ALKALINITY	ALKALINITY PHENOL- PHTHALEIN	COLOUR	TURBIDITY	SATURATION	STABILITY	SPECIFIC CONDUCT.	SPECIFIC CONDUCT
		PH % "		1,4			PH NTS	PH .5 TS	0,5 M	,5 1,1
SAMPLES	15	15	15	15	16	16	13	13	16	1
LOW	63.4	7.5	50	0	L5	0.2	-0.6	6.8	124	135
HIGH	222.	8.4	217	2	60	67.0	0.6	8.9	393	135
AVERAGE	111.	8.0	102	0	16	11.1	0.1	7.8	211	
STD.DEV	39.	0.2	40	1	15	178	0.3	0.6	70	
PERCNT:10TH	63.6	78	57	0	5	1 3	-0.3	7.3	125	
25TH	85.1	79	78	0	6	1 5	0.0	7.4	149	
MEDIAN 50TH	107.	8.0	102	0	10	2.6	0.0	7.9	218	
75TH	131.	82	118	0	18	128	0.4	8.0	244	
90TH	132.	83	126	0	40	35 0	0.5	8.6	276	
BACKUP CODES										
	11213	13421,	106011	17451	10641	ę. • <u>•</u>	n 5.11	06101L	36211L	C6 1.1.
	TOTAL	RESIDUE	RESIDUE	RESIDUE	RESIDUE	CARBON	CARBON	CARBON	BICARBONT.	CARBONATE
	DISSOLVED	NONFILTR.	FIXED NONFILTR.	FILTERABLE	FIXED FILTERABLE	ORGANIC	INORGANIC	ORGANIC ORGANIC	(CALCD.)	(CALCD.)
	(CALCD)						C	C	HCO3	CO3
	MC.	1,1		MG L	MG L		MG L	MG L	MG L	MG L
SAMPLES	13	7	6			6	6		15	15
LOW	63	13	8			L.5	8.2		61	0
HIGH	216	238	215			20.0	27.0		265	2
AVERAGE	115	64	60			9.2	18.7		124	0
STD.DEV	39	78	77			7 7	7.5		49	1
PERCNT:10TH	66								69	0
25TH	95	20	16			2.0	11.0		95	0
MEDIAN 50TH	112	39	37			8.5	21.0		124	0
75TH	131	54	49			160	24.0		144	0
90TH	149								149	0
BAUKUP CODES										
	064.11L	0701.2L	07136L	073060	07551	84111	391751	11133L	11231L	121,2
	FREE CO2	NITROGEN	NITROGEN DISSOLVED	DISSOLVED	DISSOLVED	OXYGEN	FLUORIDE	SODIUM	SODIUM	MAGNESIUM
	(CALCO.)	KJELDAHL	NO3 & NO2	NITRATE	AMMONIA	CONSOMED	DISSOLVED	DISSOLVED	RATIO	DISSOLVED
	0.05	\ \	1	N			F	NA		M(;
	MG.	MG L	MG L	MG L		* *	MG L	MG L	REL JNITS	MG .
SAMPLES	15	2	13		5	1	12	15	15	
LOW	0.9	L.5	0.009		L.1	1.8	0.05	0.8	0.04	
HIGH	4.2	L.5	0.230		0.1	1.8	L.10	4.6	0.17	
AVERAGE	1.9		0.060		0.1		0.08	1.6	0.06	
STD.DEV	1.0		0.071		0.0		0.01	0.9	0.03	
PERCNT:10TH	1.0		0.010				0.07	0.9	0.05	
25TH	1.1		0.010		E 1		0.07	1.1	0.05	
MEDIAN 50TH	1.5	L.5	0.020		L.1		0.08	1.3	0.05	
TETH	2.5		0.000		1 1		0.00	4.7	0.00	

L1

BA KUP CODE

75TH

90TH

2.5

3.5

0.080

0.150

STATION 00YT10AA0001 FOR PERIOD 29/11/68 TO 10/10/73

LAT. 60° 3' 0" LONG. 128° 54' 0"

LIARD RIVER AT W.S.C. GAUGE AT BRIDGE ON ALASKA HIGHWAY IN UPPER LIARD CROSSING, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED	14101L SILICA REACTIVE	15413L PHOSPHORUS TOTAL PHOSPHATE	15363L PHOSPHORUS DISSOLVED INORG. PO4	15255L PHOSPHORUS DISSOLVED ORTHO PO4	16303L SULPHATE DISSOLVED	17203L CHLORIDE DISSOLVED	19103L POTASSIUM DISSOLVED	20103L CALCIUM DISSOLVED	25101L MANGANESE DISSOLVED
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	W , _	MG L
SAMPLES LOW HIGH AVERAGE STD.DEV		14 3.4 12.2 6.7 2.2	4 L.005 0.021 0.011 0.008	5 L.001 0.006 0.003 0.002	9 L.002 0.010 0.003 0.003	15 4.2 31.1 10.0 6.2	15 L.1 1.2 0.3 0.3	15 0.5 1.9 0.7 0.3	15 20.4 58.7 32.6 9.9	7 L.01 0.03 0.01 0.01
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH		4.2 5.4 6.7 7.6 8.4	L.005 0.009 0.017	L.001 0.003 0.003	L.002 L.002 L.002 L.002 0.010	5.9 7.2 8.9 11.0 11.3	0.1 0.1 0.2 0.4 0.7	0.5 0.6 0.6 0.7 0.9	20.9 25.4 31.0 38.7 41.1	L.01 L.010 0.02
BACKUP CODES		02L 05L	06L		59L 57L		06.		1_	. 4_
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG L	ZN MG L	ZN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	4 L.01 0.03 0.01 0.01	11 L.001 0.080 0.025 0.021	1 0.34 0.34	1 L.001 L.001	1 L.001 L.001	6 0.002 L.01 0.00 0.00	5 L.01 L.01	1 0.002 0.002	6 L.001 L.01 0.00	6 L.01 L.01
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	L.01 L.01 0.02	0.010 0.010 0.020 0.030 0.040				0.002 0.002 0.002	L.01 L.01 L.01		0.002 0.004 0.004	L.01 L.01 L.01
BACKUP CODES	04L		04P			06L	06L		04L	04L
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG . UG/L	PB MG L	ty.	PB MG, L
SAMPLES LOW HIGH AVERAGE STD.DEV	1 0.002 0.002	mo/c	1 0.0002 0.0002		1 L.001 L.001	1 0.3 0.3	1 L.05 L.05	5 L.001 L.05	6 L.01 L.01	1 L.001 L.001
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH								L.001 L.001 L.001	L.01 L.01 L.01	
BACKUP CODES										

STATION 00YT10AB0001 FOR PERIOD 10 06 69 TO 04 08 73

LAT 60 ° 27 ' 14 " LONG 129 ° 8 ' 8 "

FRANCES RIVER AT WISIC GAUGE AT BRIDGE ON ROBERT CAMPBELL HIGHWAY ABOUT 37 MILES NORTH OF WATSON LAKE, YUKON TERRITORY

	HARDNESS TOTAL	103.1L PH	10111L ALKALINITY TOTAL	10151L ALKALINITY PHENOL- PHTHALEIN	02111L COLOUR APPARENT	C2: THE TURBIDITY	SATURATION INDEX	STABILITY INDEX	SPECIFIC CONDUCT.	12 41 SPECIFIC CONDUCT.
	CACO3	PH UNITS	CACO3	CACO3	REL UNITS	UTU	PH JN TS	PH ANTS	USIM	US M
	MG L		MG L	MG L						
SAMPLES	15	15	15	15	15	15	12	12	15	1
LOW	55.2	7.4	46	0	L5	0.6	-0.8	7.9	115	120
HIGH	104.	8.1	91	0	30	6.2	0.1	9.2	213	120
AVERAGE	73.	7.9	62	0	12	2.4	-0.4	8.6	148	
STD.DEV	17.	0.2	17	0	7	1.6	0.3	0.4	35	
PERCNT:10TH	57.1	7.6	47	0 .	5	0.8	-0.8	8.2	116	
25TH	60.8	7.7	49	0	5	1.0	-0.5	8.4	121	
MEDIAN 50TH	67.2	7.9	55	0	10	1.9	-0.4	8.7	135	
75TH	98.2	8.0	86	0	15	2.8	-0.3	8.9	192	
90TH	98.7	8.1	87	0	20	5.0	-0.1	9.2	204	
RACKUP CODES										
	00203L TOTAL DISSOLVED SOLIDS	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	06001L CARBON TOTAL ORGANIC	06051L CARBON TOTAL INORGANIC	06101L CARBON DISSOLVED ORGANIC	06201L BICARBONT. (CALCD.)	06301. CARBONATE (CALCD.)
	(CALCD)					С	C	С	HCO3	CO3
	MG L	MG L	MG L	MG·L	MG L	MG L	MG L	MG L	MG L	MG L
SAMPLES	12	3	3			4	4		15	15
LOW	60	10	7			3.0	6.8		56	0
HIGH	107	19	13			9.0	17.0		110	0
AVERAGE	77	15	9			5.8	12.7		75	0
STD.DEV	17	5	3			2.5	5.1		20	0
PERCNT:10TH	61								57	0
25TH	64					4.0	8.4		60	0
MEDIAN 50TH	73	15	8			5.5	13.5		68	0
75TH	90	10	•			7.5	17.0		104	0
90TH	103					,,,			107	0
BACKUP CODES										
	06401L FREE CO2 (CALCD.)	07002L NITROGEN TOTAL KJELDAHL	07105L NITROGEN DISSOLVED NO3 & NO2	07306L NITROGEN DISSOLVED NITRATE	07551L NITROGEN DISSOLVED AMMONIA	08401L OXYGEN CONSUMED	09105L FLUORIDE DISSOLVED	11103L SODIUM DISSOLVED	11201L SODIUM ABSORPTION RATIO	12102L MAGNESIUM DISSOLVED
	CO2 MG L	N MG L	N MG L	N MG L	MG L	02	F	NA	DC: LINITO	MG
				WIG L		MG L	MG L	MG L	REL UNITS	MG L
SAMPLES	15	1	11		5		11	15	15	
LOW	0.9	L.5	0.011		L.1		0.05	0.8	0.04	
HIGH	4.2	L.5	0.520		L.1		0.10	1.7	0.07	
AVERAGE	1.9		0.081				0.07	1.2	0.06	
STD.DEV	1.1		0.148				0.02	0.3	0.01	
PERCNT:10TH	0.9		0.016				0.06	0.8	0.04	
25TH	1.1		0.020		L.1		0.06	1.0	0.05	
MEDIAN 50TH	1.3		0.030		L.1		0.07	1.0	0.06	
75TH	2.1		0.070		L.1		0.07	1.5	0.07	
90TH	3.8		0.090				L.10	1.7	0.07	
90TH	3.8		0.090				L.10	1.7	0.07	

STATION 00YT10AB0001 FOR PERIOD 10/06/69 TO 04/08/73 LAT. 60 ° 27 ' 14 " LONG. 129 ° 8 ' 8 "

FRANCES RIVER AT W.S.C. GAUGE AT BRIDGE ON ROBERT CAMPBELL HIGHWAY ABOUT 37 MILES NORTH OF WATSON LAKE, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED AL MG/L	14101L SILICA REACTIVE SIO2 MG/L	15413L PHOSPHORUS TOTAL PHOSPHATE P MG/L	DISSOLVED	15255L PHOSPHORUS DISSOLVED ORTHO PO4 P MG/L	16303L SULPHATE DISSOLVED SO4 MG/L	17203L CHLORIDE DISSOLVED	19103L POTASSIUM DISSOLVED K MG/L	20103L CALCIUM DISSOLVED CA MG/L	25101L MANGANESE DISSOLVED MN MG L
SAMPLES LOW HIGH AVERAGE STD.DEV		14 3.7 7.0 5.2 1.0	1 0.022 0.022	3 L.001 L.001	9 L.002 L.002	14 10.0 13.7 11.4	14 L.1 0.6 0.3 0.2	14 0.3 0.7 0.5 0.1	14 17.3 30.1 21.7 4.5	4 L.01 L.010
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH		3.8 4.6 5.2 6.2 6.3		L.001	L.002 L.002 L.002 L.002 L.002	10.0 10.5 11.3 12.1 13.3	0.1 0.2 0.2 0.4 0.5	0.4 0.5 0.5 0.6 0.7	17.3 18.4 20.9 21.9 29.8	L.01 L.01 L.01
BACKUP CODES		05L 02L	06L		57L 59L		06L		01L	04L
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	203051 ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	ZN MG/L	ZN MC .
SAMPLES LOW HIGH AVERAGE STD.DEV	5 L.01 0.01 0.01 0.00	9 L.001 0.040 0.022 0.012	1 0.12 0.12	1 L.001 L.001	1 0.001 0.001	4 L.001 0.003 0.002 0.001	5 L.01 L.01	1 L.001 L.001	4 0.002 0.004 0.003 0.001	5 L.01 L.01
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	L.01 L.01 L.01	L.001 0.020 0.020 0.030 0.040				0.001 0.002 0.003	L.01 L.01 L.01		0.002 0.003 0.004	L.01 L.01 L.01
BACKUP CODES	04L		04P				06L			04L
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG/L	PB MG/L	PB MG l	PB MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	1 0.005 0.005		1 0.0006 0.0006		1 L.001 L.001	1 0.2 0.2	1 L.05 L.05	4 L.001 0.009 0.003 0.004	5 L.01 L.01	1 L.001 L.001
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH								L.001 L.001 0.005	L.01 L.01 L.01	
BACKUP CODES										

STATION 01YT08AA0001 FOR PERIOD 29 07 73 TO 29 07 73

60 ' 30 ' LONG 137 38 '

SOCKEYE LAKE YUKON TERRITORY

SAMPLES LOW HIGH AVERAGE STD.DEV	MARDNESS TOTAL 	1 8.0 8.0	ALKALINITY TOTAL A OR M & L 1 77 77	ALKALINITY PHENOL- PHTHALEIN CA O' MC L 1 0 0	COLOUR APPARENT HE. DN 1. 1 5 5	0.8 0.8	SATURATION INDEX	STABILITY INDEX	SPECIFIC CONDUCT WAY 1 170 170	SPECIFIC CONDUCT
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
	TOTAL DISSOLVED SOLIDS CALCD;	16461. RESIDUE NONFILTR.	15531L RESIDUE FIXED NONFILTR.	104516 RESIDUE FILTERABLE	10561L RESIDUE FIXED FILTERABLE	CARBON TOTAL ORGANIC	CARBON TOTAL INORGANIC	CARBON DISSOLVED ORGANIC	BICARBONT (CALCD.)	CARBONATE (CALCD)
SAMPLES LOW HIGH AVERAGE STD.DEV PERCNT::10TH 25TH MEDIAN 50TH 75TH 90TH HACKUP CODES	Wildle C		ms L	MO L	M1.) L	100 L		V , L	1 94 94	1 0 0
	CO2	C 1002 NITROGEN TOTAL KJELDAHL N.	CMOSE NITROGEN DISSOLVED NO3 & NO2 N	OTBOOL NITROGEN DISSOLVED NITRATE N	NITROGEN DISSOLVED AMMONIA	6401L OXYGEN CONSUMED	PATOSE FLUORIDE DISSOLVED	SODIUM DISSOLVED	SODIUM ABSORPTION RATIO	MAGNESIUM DISSOLVED
SAMPLES LOW HIGH AVERAGE STD.DEV	1 1.5 1.5		1 0.02 0.02					1 2.1 2.1	1 0.10 0.10	
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
MA KUP CODE:			1,4							

STATION 01YT08AA0001 FOR PERIOD 29/07/73 TO 29/07/73

LAT. $60^{\circ} 30^{\circ}$ LONG. $137^{\circ} 38^{\circ}$

SOCKEYE LAKE, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED AL MG/L	14101L SILICA REACTIVE SIO2 MG/L	15413L PHOSPHORUS TOTAL PHOSPHATE P MG/L	15363L PHOSPHORUS DISSOLVED INORG. PO4 P MG/L	15255L PHOSPHORUS DISSOLVED ORTHO PO4 P MG/L	16303L SULPHATE DISSOLVED SO4 MG/L	17203L CHLORIDE DISSOLVED CL MG/L	19103L POTASSIUM DISSOLVED K MG/L	20103L CALCIUM DISSOLVED CA MG/L	25101L MANGANESE DISSOLVED MN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV		1 5.5 5.5			1 0.003 0.003	1 10.2 10.2	1 0.8 0.8	1 0.3 0.3	1 25.2 25.2	World
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES		05L			56L		06L		01L	
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	ZN MG/L	ZN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV PERCNT:10TH 25TH MEDIAN 50TH	1 L.01 L.01		1 0.07 0.07		1 L.001 L.001			1 0.001 0.001		
75TH 90TH										
BACKUP CODES			04P							
	30305P ZINC EXTRBLE,	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG/L	PB MG/L	PB MG/L	PB MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH BACKUP CODES	1 0.002 0.002	1 L.005 L.005			1 L.001 L.001					1 L.001 L.001

STATION 01YT08AA0002 FOR PERIOD 29 07 73 TO 29 07 73

LAT 60 " 32 ' LONG 137 30 '

UPPER KATHLEEN LAKE YUKON TERRITORY

	HARDNESS TOTAL	РН	ALKALINITY	ALKALINITY PHENOL- PHTHALEIN	COLOUR	TURBIDITY	SATURATION	STABILITY	SPECIFIC CONDUCT.	SPECIFIC CONDUCT
			' A' () (A O ·			1 A.1.0			
			W. s.				PH 250 *		5,4	US W
SAMPLES	1	1	1	1	1	1			1	
LOW	102.	8.0	86	0	5	1.3			201	
HIGH	102.	8.0	86	0	5	1.3			201	
AVERAGE										
STD.DEV										
PERCNT:10TH										
25TH										
MEDIAN 50TH										
75TH 90TH										
90111										
BALKUP CODES										
		134011	10501	13451L	1.05511	J60 11L	J6551L	10.000	+2,1L	06 4.1
	TOTAL	RESIDUE	RESIDUE	RESIDUE	RESIDUE	CARBON	CARBON	CARBON	BICARBONT.	CARBONATE
	DISSOLVED	NONFILTR.	FIXED	FILTERABLE	FIXED	TOTAL	TOTAL	DISSOLVED	(CALCD.)	(CALCD.)
	SOLIDS CALCD 1		NONFILTR.		FILTERABLE	ORGANIC	INORGANIC	ORGANIC	H 03	
	MG L	MG L	MG L	* *	MG L	MG L	MG L	MG C	45 L	MG L
SAMPLES									1	1
LOW									105	0
HIGH									105	0
AVERAGE										
STD.DEV										
PERCNT:10TH										
25TH										
MEDIAN 50TH										
75TH 90TH										
90111										
BACKUF CODES										
	364011	670025	07105L	07306L	07551L	084011	09105	11103.	112011	12112
	FREE CO2	NITROGEN	NITROGEN	NITROGEN	NITROGEN	OXYGEN	FLUORIDE	SODIUM	SODIUM	MAGNESIUM
	(CALCD.)	TOTAL KJELDAHL	DISSOLVED NO3 & NO2	DISSOLVED	DISSOLVED	CONSUMED	DISSOLVED	DISSOLVED	ABSORPTION	DISSOLVED
	CO2	N	1403 @ 1402	N	\ \	02		NA	RATIO	4,4 ,
	MG L	MG L	MG L	MG L	MG L	MG L		MG L	REL JNITS	1 MG L
SAMPLES	1		1					1	1	
LOW	1.7		L.01					2.4	0.10	
HIGH	1.7		L.01					2.4	0.10	
AVERAGE STD.DEV										
PERCNT:10TH										
25TH										
MEDIAN 50TH 75TH										
90TH										
BA KUP CODES										

STATION 01YT08AA0002 FOR PERIOD 29/07/73 TO 29/07/73

LAT. 60 ° 32 ' LONG. 137 ° 30 '

UPPER KATHLEEN LAKE, YUKON TERRITORY

SAMPLES LOW	13101L ALUMINUM DISSOLVED AL MG/L	SIO2 MG/L 1 4.9	15413L PHOSPHORUS TOTAL PHOSPHATE P MG/L	DISSOLVED	15255L PHOSPHORUS DISSOLVED ORTHO PO4 P MG/L 1 0.007	16303L SULPHATE DISSOLVED SO4 MG/L 1	17203L CHLORIDE DISSOLVED CL MG/L 1 0.8	POTASSIUM DISSOLVED K MG/L 1 0.7	20103L CALCIUM DISSOLVED CA MG/L 1 28.9	25101L MANGANESE DISSOLVED MN MG 'L
HIGH AVERAGE STD.DEV PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH		4.9			0.007	16.6	0.8	0.7	28.9	
BACKUP CODES		05L			56L		06L		01L	
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305t. ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	ZN MG/L	ZN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH BACKUP CODES	1 L.01 L.01		1 0.050 0.050		1 L.001 L.001			1 L.001 L.001		
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG/L	PB · MG/L	er, MC L	PB MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH BACKUP CODES	1 L.001 L.001	1 L.005 L.005			1 L.001 L.001					1 L.001 L.001

WATER QUALITY DATA 1961 1973 (SUMMARY.

STATION 01YT08AA0003 FOR PERIOD 29 07 73 TO 29 07 73

90TH BACKUP CODES

LAT 60 ° 34 ' LONG 137 ° 18 '

LOWER KATHLEEN LAKE, YUKON TERRITORY

	HARDNESS TOTAL	10 191L PH	ALKALINITY TOTAL	ALKALINITY PHENOL- PHTHALEIN	COLOUR	TURBIDITY	SATURATION	STABILITY INDEX	SPECIFIC CONDUCT.	SPECIFIC CONDUCT
	CACO3 MG L	PH UNITS	MG L	MG 1	REL UNITS		CALCO I PHIGNITS	ALTO PH JNITS	US 1 M	us v
SAMPLES LOW HIGH AVERAGE STD.DEV	1 110. 110.	8.1 8.1	1 88 88	1 0 0	1 L5 L5	1 0.5 0.5			218 218	
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH BACKUP CODES										
	TOTAL DISSOLVED SOLIDS	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	06001L CARBON TOTAL ORGANIC	CARBON TOTAL INORGANIC	CARBON DISSOLVED ORGANIC	06201L BICARBONT. (CALCD.)	CARBONATE (CALCD.)
	(CALCD)	MG/L	MG L	MG L	MG L	C MG L	C MG L	C MG L	MG L	CO3 MG L
SAMPLES LOW HIGH AVERAGE STD.DEV									1 108 108	1 0 0
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES										
	06401L FREE CO2 (CALCD.)	07002L NITROGEN TOTAL KJELDAHL	07105L NITROGEN DISSOLVED NO3 & NO2	07396L NITROGEN DISSOLVED NITRATE	07551L NITROGEN DISSOLVED AMMONIA	08401L OXYGEN CONSUMED	39105L FLUORIDE DISSOLVED	TTTTO3L SODIUM DISSOLVED	SODIUM ABSORPTION RATIO	MG
CALADIED	MG 'L	MG L	MG L	MG L	MG L	MG L	.,	MG L	REL JNITS	MG L
SAMPLES LOW HIGH AVERAGE STD.DEV	1 1.3 1.3		0.03 0.03					2.6 2.6	0.11 0.11	
PERCNT:10TH 25TH MEDIAN 50TH 75TH										

STATION 01YT08AA0003 FOR PERIOD 29/07/73 TO 29/07/73
LAT. 60 ° 34 ' LONG. 137 ° 18 '

LOWER KATHLEEN LAKE, YUKON TERRITORY

SAMPLES LOW HIGH AVERAGE STD.DEV PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	13101L ALUMINUM DISSOLVED AL MG/L	14101L SILICA REACTIVE SIO2 MG/L 1 4.1 4.1	15413L PHOSPHORUS TOTAL PHOSPHATE P MG/L	15363L PHOSPHORUS DISSOLVED INORG. PO4 P MG/L	DISSOLVED ORTHO PO4 P MG/L 1 0.002 0.002	SULPHATE DISSOLVED SO4 MG/L 1 23.4 23.4	17203L CHLORIDE DISSOLVED CL MG/L 1 0.8 0.8	POTASSIUM DISSOLVED MG . 1 0.5 0.5	20103L CALCIUM DISSOLVED CA MG/L 1 32.8 32.8	25101L MANGANESE DISSOLVED MN MG/L
BACKUP CODES		05L			56L		06L		01L	
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
SAMPLES LOW HIGH AVERAGE STD.DEV PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH BACKUP CODES	MN MG/L 1 L.01 L.01	FE MG/L	FE MG/L 1 0.018 0.018	CO MG/L	NI MG/L 1 L.001 L.001	CU MG/L	CU MG/L	CU MG/L 1 L.001 L.001	ZN MG/L	ZN MG/L
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
SAMPLES	ZN MG/L 1	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG LG L	PB MG/L	PB MG/L	PB MG/L 1
LOW HIGH AVERAGE STD.DEV	L.001 L.001	L.005 L.005			L.001 L.001					L.001 L.001
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH BACKUP CODES										
BACKUP CODES										

STATION 01YT08AB0001 FOR PERIOD 26 08 73 TO 26 08 73 to 26 08 73 to 26 08 73

MUSH LAKE, YUKON TERRITORY

	HARDNESS TOTAL	РН	ALKALINITY TOTAL	ALKALINITY PHENOL- PHTHALEIN	COLOUR	TURBIDITY	SATURATION INDEX	NDEX	SME HM CONDUCT	yEr€ yEr. Cinny(ii Y
SAMPLES	1	1	1	1	1	1			1	
LOW HIGH AVERAGE STD.DEV	83.3 83.3	8.1 8.1	74 74	0	L5 L5	0.3			165 165	
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES										
	00203L TOTAL DISSOLVED SOLIDS	10401L RESIDUE NONFILTR.	10581L RESIDUE FIXED NONFILTR.	10481L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	CARBON TOTAL ORGANIC	A351L CARBON TOTAL INORGANIC	CARBON DISSOLVED ORGANIC	F2 10 BICARBONT (CALCD)	CARBONATE (CALCD.)
	MG L	MG L	MG L	MG L	MG L	C MG L	C MG L	C MG L		
SAMPLES LOW HIGH AVERAGE STD.DEV									90 90	1 0 0
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES										
	FREE CO2 (CALCD.)	07 302L NITROGEN TOTAL KJELDAHL	07106L NITROGEN DISSOLVED NO3 & NO2	07306L NITROGEN DISSOLVED NITRATE	NITROGEN DISSOLVED AMMONIA	OXYGEN CONSUMED	FLUORIDE DISSOLVED	SODIUM DISSOLVED	SODIUM ABSORPTION RATIO	MAGNESIUM DISSOLVED
	002	₽.	N.	N	N.	02	F	NA		MS
0.4.451.55	MG L	MG L	MG L	MG L	MG L	MG L	MG L	MG L	HEL UNITS	M3 t
SAMPLES LOW	1.1		0.04					1 1.8	0.09	
HIGH AVERAGE STD.DEV	1.1		0.04					1.8	0.09	
PERCNT:10TH 25TH MEDIAN 50TH										
75TH 90TH										
BACKUP CODES										

STATION 01YT08AB0001 FOR PERIOD 26/08/73 TO 26/08/73

LAT. 60 ° 18 ' LONG. 137 ° 27 '

MUSH LAKE, YUKON TERRITORY

13101L ALUMINUM DISSOLVED AL MG/L	14101L SILICA REACTIVE SIO2 MG/L 1 5.1 5.1	TOTAL	DISSOLVED		SULPHATE DISSOLVED SO4 MG/L 1 13.3 13.3	17203L CHLORIDE DISSOLVED CL MG/L 1 0.3 0.3	POTASSIUM DISSOLVED 1 0.4 0.4	CALCIUM DISSOLVED 1 26.1 26.1	25101L MANGANESE DISSOLVED MN MG/L
	051			561		061		es.	
	002			OOL		002			
25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/∟	CU MG/L	ZN MG/L	ZN MG/L
1 L.01 L.01		1 0.014 0.014		1 L.001 L.001			1 0.001 0.001		1 L.001 L.001
30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG L	PB MG, L	PB MG/L	PB MG/L
	1 L.005 L.005			1 L.001 L.001					1 L.001 L.001
	ALUMINUM DISSOLVED AL MG/L AL MG/L AND MANGANESE EXTRBLE. MN MG/L 1 L.01 L.01 L.01 ZN AND MANGANESE EXTRBLE.	ALUMINUM DISSOLVED AL SIO2 MG/L 1 5.1 5.1 5.1 5.1 OSL AMN MG/L MMN MG/L 1 L.01 L.01 L.01 ASSOLVED ASSOLVED AND MISSOLVED ASSOLVED ASSOL	ALUMINUM DISSOLVED REACTIVE TOTAL PHOSPHATE AL SIO2 MG/L 1 5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1 5	ALUMINUM DISSOLVED REACTIVE TOTAL DISSOLVED NORG. PO4 PHOSPHATE NORG. PO4 P P MG/L	ALUMINUM DISSOLVED REACTIVE PHOSPHORUS TOTAL DISSOLVED DISSOLVED DRITHO POA PHOSPHORUS PHOSPHORUS DISSOLVED DRITHO POA P P P P P P P P P	ALUMINUM DISSOLVED PHOSPHORUS PHOSPHORUS DISSOLVED SO4 MG/L	ALL	ALUMINUM DISSOLVED	ALUMINUM SILCA PHOSPHORUS PHOSPHORUS SUPPARE SUP

BACKUP CODES

STATION 01YT08AB0002 FOR PERIOD 26 08 73 TO 26 08 73

BATES LAKE, YUKON TERRITORY

	HARDNESS TOTAL	PH	ALKAUINITY TOTAL	ALKALINITY PHENOL- PHTHALEIN	COLOUR	TURBIDITY	SATURATION	STABILITY	SPECIFIC	SPE IFIC
	٧		Μ.,.	M . 1						
SAMPLES	1	1	1	1	1	1			1	
LOW	77.5	8.0	70	0	L5	0.2			154	
HIGH AVERAGE	77.5	8.0	70	0	L5	0.2			154	
STD.DEV										
PERCNT:10TH 25TH										
MEDIAN 50TH										
75TH										
90TH BACKUP CODES										
BACKUP CODES										
	J02J3L	10401L	105011	10451L	108511	060011	16051		72,	+ 2 , *
	DISSOLVED	RESIDUE NONFILTR.	RESIDUE	RESIDUE	RESIDUE	CARBON	CARBON	DISSOLVED	BICARBONT (CALCD.)	(CALCD.)
	SOLIDS		NONFILTR.	TIETETHOLE	FILTERABLE	ORGANIC	INORGANIC	ORGANIC		
	(CALCD) MG L	MG L	MG L	`.'	MG L	C MG L	MG L	M13	MCO?	703 703
SAMPLES									1	1
LOW									85	0
HIGH									85	0
AVERAGE STD.DEV										
PERCNT:10TH 25TH										
MEDIAN 50TH										
75TH										
90TH										
BACKUP CODES										
	06401L	07002L	C7105L	073065	07551L	08401L	09106L	111035	112011	121.5
	(CALCD.)	NITROGEN TOTAL KJELDAHL	NITROGEN DISSOLVED NO3 & NO2	NITROGEN DISSOLVED NITRATE	NITROGEN DISSOLVED AMMONIA	OXYGEN	FLUORIDE	SODIUM	SODIUM ABSORPTION RATIO	MAGNESIUM DISSOLVED
	CO2	N	V	N	N	03	\$ A C .	1,4		M.,
SAMPLES	MG L	MG L	MG L	MG L	MG L	MG L	MG L	4	1	M. T
LOW	1.3		0.04					1.6	0.08	
HIGH	1.3		0.04					1.6	0.08	
AVERAGE										
STD.DEV										
PERCNT:10TH										
25TH										
MEDIAN 50TH 75TH										
90TH										

STATION 01YT08AB0002 FOR PERIOD 26/08/73 TO 26/08/73

BATES LAKE, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED	14101L SILICA REACTIVE	15413L PHOSPHORUS TOTAL PHOSPHATE	DISSOLVED INORG. PO4	DISSOLVED ORTHO PO4	16303L SULPHATE DISSOLVED	17203L CHLORIDE DISSOLVED	19103L POTASSIUM DISSOLVED	20103L CALCIUM DISSOLVED	25101L MANGANESE DISSOLVED
SAMPLES LOW HIGH AVERAGE STD.DEV	MG⊄L	1 4.7 4.7	MG/L	MG/L	1 0.005 0.005	1 11.9 11.9	1 0.3 0.3	1 0.2 0.2	1 24.2 24.2	M., .
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES		05L			56L		06L		01L	
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CL MG/L	CU MG/L	ZN MG/L	ZN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	1 L.01 L.01		1 0.005 0.005		1 L.001 L.001			1 0.001 0.001		1 0.001 0.001
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES										
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG L	BA MG/L	HG UG/L	PB MG/L	PB MG/L	PB Mr
SAMPLES LOW HIGH AVERAGE STD.DEV		1 L.005 L.005			1 L.001 L.001					1 L.001 L.001
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES										

STATION 01YT08AC0001 FOR PERIOD 13 08 73 TO 13 08 73

75TH 90TH

60 6' LONG 137° 25'

ONION LAKE YUKON TERRITORY

	HARDNESS	РН	ALKALINITY TOTAL	ALKALINITY PHENOL- PHTHALEIN	COLOUR	TURBIDITY	SATURATION INDEX	STABILITY	SEE SEE	584 - 584
							FH 19, *5	P)+ **		
SAMPLES LOW HIGH AVERAGE STD.DEV	52.5 52.5	7.8 7.8	50 50	0	L5 L5	1 0.5 0.5			104 104	
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
	TOTAL DISSOLVED SOLIDS -CALCD MG L	18481L RESIDUE NONFILTR.	13501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	*255* RESIDUE FIXED FILTERABLE	CARBON TOTAL ORGANIC MG L	CARBON TOTAL INORGANIC C	CARBON DISSOLVED ORGANIC C MG L	BICARBONT (CALCD.)	CARBONATE (CALCD)
0.4.1171.50			IVI() L	IVIG L	MG L	NIC 2	WO F			
SAMPLES LOW HIGH AVERAGE STD.DEV									61 61	0 0
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES										
	FREE CO2 (CALCD.)	07002L NITROGEN TOTAL KJELDAHL	071 JbL NITROGEN DISSOLVED NO3 & NO2	07336L NITROGEN DISSOLVED NITRATE	075511 NITROGEN DISSOLVED AMMONIA	US431E OXYGEN CONSUMED	39135L FLUORIDE DISSOLVED	SODIUM DISSOLVED	SODIUM ABSORPTION RATIO	
	CO2 MG	MG L	MG L	MG L	MG L	C2 MG L	MG L	MG L	REL UNITS	N Mara
SAMPLES	1		1					1	1	
LOW	1.5		L.01					0.8	0.05	
HIGH AVERAGE STD.DEV	1.5		L.01					0.8	0.05	
PERCNT:10TH 25TH MEDIAN 50TH										

STATION 01YT08AC0001 FOR PERIOD 13/08/73 TO 13/08/73
LAT. 60 ° 6 ' LONG. 137 ° 25 '

ONION LAKE, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED	14101L SILICA REACTIVE	15413L PHOSPHORUS TOTAL PHOSPHATE	DISSOLVED INORG. PO4	DISSOLVED ORTHO PO4	DISSOLVED SO4	17203L CHLORIDE DISSOLVED	19103L POTASSIUM DISSOLVED	20103L CALCIUM DISSOLVED	25101L MANGANESE DISSOLVED
SAMPLES LOW HIGH AVERAGE STD.DEV	MG/L	MG/L 1 4.8 4.8	MG/L	MG/L	1 0.005 0.005	1 5.2 5.2	1 0.3 0.3	1 0.4 0.4	MG L 1 19.9 19.9	MG L
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES		05L			56L		06L			
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	ZN MG/L	ZN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	1 L.01 L.01		1 0.008 0.008		1 L.001 L.001			1 L.001 L.001		1 0.001 0.001
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES										
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	S6301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG/L	PB MG/L	PB W	PB MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV		1 L.005 L.005			1 L.001 L.001					1 L.001 L.001
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH										
BACKUP CODES										

STATION 01YT09AA0001 FOR PERIOD 27 08 70 TO 23 05 73

LAT. 60° 2' 50" LONG 134° 34' 10"

TAGISH LAKE AT WINDY ARM ABOUT 3 MILES FROM OLD VENUS MINE SITE. YUKON TERRITORY

	HARDNESS	100, 1 ₁	ALKALINITY	10151L ALKALINITY	02011L COLOUR	02073L TURBIDITY	SATURATION	CO211L STABILITY	22 41L SPECIFIC	32 1411 SPECIFIC
	TOTAL		TOTAL	PHENOL- PHTHALEIN	APPARENT		INDEX	INDEX	CONDUCT.	CONDUCT.
	CACO3 MG L	PH UNIT	CAGO? MG L	MG L	REL UNITS	JT	PH UNITS	PH UNITS	US CM	US CM
SAMPLES	2	3	3	3	3	3	3	3	3	
LOW	43.8	7.4	27	0	L5	0.5	-1.1	8.1	78	
HIGH	137.	7.9	124	0	5	2.8	-0.3	10.1	302	
AVERAGE	90.	7.7	62	0	5	1.6	-0.7	9.2	159	
STD.DEV	66.	0.3	54	0	0	1.2	0.4	1.0	124	
PERCNT:10TH 25TH										
MEDIAN 50TH	90.	7.8	35	0	5	1.5	-0.8	9.5	97	
75TH	50.		00	· ·	· ·		0.0	3.0	9,	
90TH										
BACKUP CODES										
	00203L	10401L	10501L	10451L	10551L	060014	06051L	061011	06201L	063311
	TOTAL	RESIDUE	RESIDUE	RESIDUE	RESIDUE	CARBON	CARBON	CARBON	BICARBONT.	CARBONATE
	SOLIDS	NONFILTR.	FIXED NONFILTR.	FILTERABLE	FIXED	ORGANIC	TOTAL	DISSOLVED	(CALCD.)	(CALCD.)
	(CALCD)		HOW LINE		TIETENADEL	C	C	C	нсоз	CO3
	MG L	MG L	MG L	MG/L	MG L	MG L	MG L	MG L	MG L	MG L
SAMPLES	3					2	1	1	3	3
LOW	36					0.5	9.0	0.5	33	0
HIGH	168					5.0	9.0	0.5	151	0
AVERAGE	84					2.8			75	0
STD.DEV	73					3.2			66	0
PERCNT:10TH 25TH										
MEDIAN 50TH	49					2.8			42	0
75TH	43					2.0			42	U
90TH										
BACKUP CODES										
	06401L	07002L	07105L	07306L	07551L	08401L	09105L	11103L	11201L	121025
	FREE CO2	NITROGEN	NITROGEN	NITROGEN	NITROGEN	OXYGEN	FLUORIDE	SODIUM	SODIUM	MAGNESIUM
	(CALCD.)	TOTAL KJELDAHL	DISSOLVED NO3 & NO2	DISSOLVED	DISSOLVED	CONSUMED	DISSOLVED	DISSOLVED	ABSORPTION	DISSOLVED
	COS	N	N	N	N	02	F	NA	114110	MG
	MG/L	MG L	MG L	MG·L	MG L	MG L	MG L	MG L	REL UNITS	MG L
SAMPLES	3		3				1	3	3	1
LOW	0.7		L.005				0.20	1.1	0.08	1.6
HIGH	9.5		0.550				0.20	7.8	0.29	1.6
AVERAGE	3.8		0.298					3.4	0.15	
STD.DEV	5.0		0.275					3.8	0.12	
PERCNT:10TH										
25TH										
MEDIAN 50TH	1.1		0.340					1.4	0.09	
75TH										
90TH										
BACKUP CODES			JOL							

STATION 01YT09AA0001 FOR PERIOD 27/08/70 TO 23/05/73 LAT. 60 ° 2 ' 50 " LONG. 134 ° 34 ' 10 "

TAGISH LAKE AT WINDY ARM ABOUT 3 MILES FROM OLD VENUS MINE SITE, YUKON TERRITORY

	13101L	14101L	15413L	15363L	15255L	16303L	17203L	19103L	20103L	25101L
	DISSOLVED	SILICA REACTIVE	PHOSPHORUS TOTAL PHOSPHATE	DISSOLVED INORG. PO4	DISSOLVED ORTHO PO4	SULPHATE	CHLORIDE	POTASSIUM DISSOLVED	DISSOLVED	MANGANESE DISSOLVED
	AL MG/L	SIO2 MG/L	P MG/L	P MG/L	P MG/L	SO4 MG/L	CL MG/L	K MG/L	CA MG/L	MN MG/L
SAMPLES		3				3	3	3	3	1
LOW		3.5				5.2	0.2	L.1	11.5	L.01
HIGH		11.0				19.7	11.2	2.8	47.7	L.01
AVERAGE		6.2				11.6	3.9	1.1	24.1	
STD.DEV		4.2				7.4	6.4	1.5	20.5	
PERCNT:10TH 25TH										
MEDIAN 50TH		4.0				9.9	0.2	0.5	13.1	
75TH										
90TH										
BACKUP CODES		02L							01L	04L
	25304P	26102L	26305P	27302P	28302P	29105L	29305L	29305P	30105L	30305L
	MANGANESE EXTRBLE.	IRON DISSOLVED	IRON EXTRBLE.	COBALT EXTRBLE.	NICKEL EXTRBLE.	COPPER DISSOLVED	COPPER EXTRBLE.	COPPER EXTRBLE.	ZINC DISSOLVED	ZINC EXTRBLE.
	MN	FE	FE	СО	NI	CU	CU	CU	ZN	ZN
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
SAMPLES	1	2	4		1	1	3	1	1	3
LOW	L.01	0.010	L.05		L.01	L.01	0.002	L.01	L.01	0.013
HIGH	L.01	L.05	0.470		L.01	L.01	0.10	L.01	L.01	0.08
AVERAGE		0.03	0.195				0.04			0.04
STD.DEV		0.03	0.198				0.05			0.04
PERCNT:10TH 25TH			0.05							
MEDIAN 50TH		L.03	0.130				L.01			0.02
75TH		2.00	0.340							0.02
90TH			0.0.0							
BACKUP CODES		04L	02L 04P		01P	06L	06L	06P	04L	04L
			400000	470040	400000	500045	000445	82103L	82302L	82302P
	30305P ZINC	33103L ARSENIC	42302P MOLYBDENUM	47301P SILVER	48302P CADMIUM	56301P BARIUM	80311P MERCURY	LEAD	LEAD	LEAD
	EXTRBLE.	DISSOLVED	EXTRBLE.	EXTRBLE.	EXTRBLE.	EXTRBLE.	EXTRBLE.	DISSOLVED	EXTRBLE.	EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG/L	PB MG/L	PB MG/L	PB MG/L
SAMPLES	1	1		1				1	2	1
LOW	L.01	0.000		L.01				L.05	0.001	L.01
HIGH	L.01	0.000		L.01				L.05	0.018	L.01
AVERAGE		0.000							0.010	
STD.DEV									0.012	
PERCNT:10TH										
25TH									0.010	
MEDIAN 50TH									0.010	
75TH										
90TH										
BACKUP CODES	04P	01L						01L		01P

STATION 01YT09AB0001 FOR PERIOD 30 03 70 TO 07 09 73

LAT 60 ° 38 ' 33 " LONG 135 ° 1 ' 57 "

CRATER LAKE ABOVE WHITEHORSE, YUKON TERRITORY

	HARDNESS TOTAL	PH	10101L ALKALINITY TOTAL	10151. ALKALINITY PHENOL- PHTHALEIN	COLOUR APPARENT	020.13 TURBIDITY	SATURATION	STABILITY	SPECIFIC CONDUCT	SPECIFIC
	,,		CACO3 MG L	MG L	REL UNITS	JTU	PH JMIT,	CALCE PHINTS	US M	**
SAMPLES	5	6	6	6	6	6	3	3	6	
LOW	160.	7.7	52	0	5	1.2	-0.8	6.8	123	
HIGH	255.	8.3	126	0	20	2.8	0.7	9.4	583	
AVERAGE	221.	8.0	99	0	11	1.9	0.0	7.9	453	
STD.DEV	38	0.2	26	0	6	0.6	0.8	1.3	176	
PERCNT:10TH										
25TH	214	78	91	0.	5	1.3			390	
MEDIAN 50TH	222.	7.9	107	0	10	2.0	0.2	7.6	527	
75TH	252.	8.2	110	0	15	2.2			570	
90TH										
BACKUP CODES										
	00203L TOTAL DISSOLVED SOLIDS	10401L RESIDUE NONFILTR.	10501L RESIDUE FIXED NONFILTR.	10451L RESIDUE FILTERABLE	10551L RESIDUE FIXED FILTERABLE	06001L CARBON TOTAL ORGANIC	CARBON TOTAL INORGANIC	06101L CARBON DISSOLVED ORGANIC	06201L BICARBONT. (CALCD.)	CARBONATE (CALCD.)
	4. M	MG L	MG 'L	MG L	MG L	C MG L	M	C MG L	HCO3 MG L	MG L
SAMPLES	3					3	2	1	6	6
LOW	61					L.5	16.0	0.2	63	0
HIGH	296					10.0	17.0	0.2	154	0
AVERAGE	186					5.8	16.5		120	0
STD.DEV	118					4.9	0.7		31	0
PERCNT:10TH										
25TH	000								110	0
MEDIAN 50TH	202					7.0	16.5		131	0
75TH 90TH									134	0
BACKUP CODES										
	06401L	07002L	07105L	07306L	07651L	084011				121021
	(CALCO.)	NITROGEN	NITROGEN DISSOLVED	NITROGEN DISSOLVED	NITROGEN DISSOLVED	OXYGEN CONSUMED	FLUORIDE DISSOLVED	SODIUM	SODIUM ABSORPTION	MAGNESIUM DISSOLVED
	CO2	KJELDAHL	NO3 & NO2 N	NITRATE	AMMONIA N	02		NA	RATIO	Mo
	MG L	MG L	MG/L	MG-L	MG/L	MG L	1.7	MG L	REL UNITS	MG .
SAMPLES	6		3				2	3	3	2
LOW	1.0		L.005				0.18	1.7	0.10	3.3
HIGH	3.0		1.40				0.19	16.7	0.49	12.3
AVERAGE	2.1		0.75				0.19	10.1	0.33	7.8
STD.DEV	0.8		0.70				0 01	7.6	0.21	6 4
PERCNT:10TH										
25TH	1 3		0.005				0.10			
MEDIAN 50TH	2.3		0.860				0.19	11.8	0.41	7.8
75TH 90TH	2.8									
BACKUP CODES			Obt							

WATER QUALITY DATA 1961-1973 (SUMMARY)

STATION 01YT09AB0001 FOR PERIOD 30/03/70 TO 07/09/73

LAT. 60 ° 38 ' 33 " LONG. 135 ° 1 ' 57 "

CRATER LAKE ABOVE WHITEHORSE, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED	14101L SILICA REACTIVE	15413L PHOSPHORUS TOTAL PHOSPHATE P MG/L	DISSOLVED INORG. PO4	DISSOLVED ORTHO PO4	16303L SULPHATE DISSOLVED	17203L CHLORIDE DISSOLVED	19103L POTASSIUM DISSOLVED	20103L CALCIUM DISSOLVED	25101L MANGANESE DISSOLVED
SAMPLES LOW HIGH AVERAGE STD.DEV	MG/L	3 3.8 11.8 8.9 4.4	MG/L	MG/L 2 L.001 0.004 0.002 0.002	2 L.002 L.002	6 7.5 171. 103. 63.	3 0.3 10.8 6.7 5.6	3 0.8 5.4 3.4 2.4	3 16.5 73.4 44.5 28.5	2 0.49 0.86 0.68 0.26
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH		11.0		0.003	L.002	45.6 121. 151.	8.9	4.1	43.6	0.68
BACKUP CODES		02L							01L	04P 04L
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE.	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CL MG L	CU MG _	ZN MG/L	ZN MC L
SAMPLES LOW HIGH AVERAGE STD.DEV	5 0.22 1.20 0.81 0.42	2 L.05 0.05 0.05 0.00	6 0.050 0.87 0.31 0.28	Marc	Mar E	2 0.002 L.01 0.01 0.01	1 0.04 0.04	5 0.004 0.03 0.01 0.01	2 L.001 L.01	2 0.002 0.04 0.02 0.03
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	0.53 1.00 1.10	0.05	0.22 0.24 0.26			L.01		0.004 L.01 0.011	L.01	0.02
BACKUP CODES		04P 04L	04P 02L			06P	06L	06P	04P	04.
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSCLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG/L	PB MG/L	PB MG/L	PB MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	4 L.001 L.01 0.00	3 L.005 0.010 0.007 0.003		1 L.01 L.01			1 0.05 0.05	2 L.001 L.05	1 0.004 0.004	5 L.001 L.01
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	L.001 0.002 L.01	L.005						L.03		L.001 L.001 L.001
BACKUP CODES	04P							01P		01P

STATION 01YT09AB0002 FOR PERIOD 28 05 73 TO 24 07 73

60° 41' 33" LONG 135° 5' 14"

75TH 90TH BACKUP CODES

ICE LAKE AT WHITEHORSE, WATER SUPPLY FOR TRAILER COURT, YUKON TERRITORY

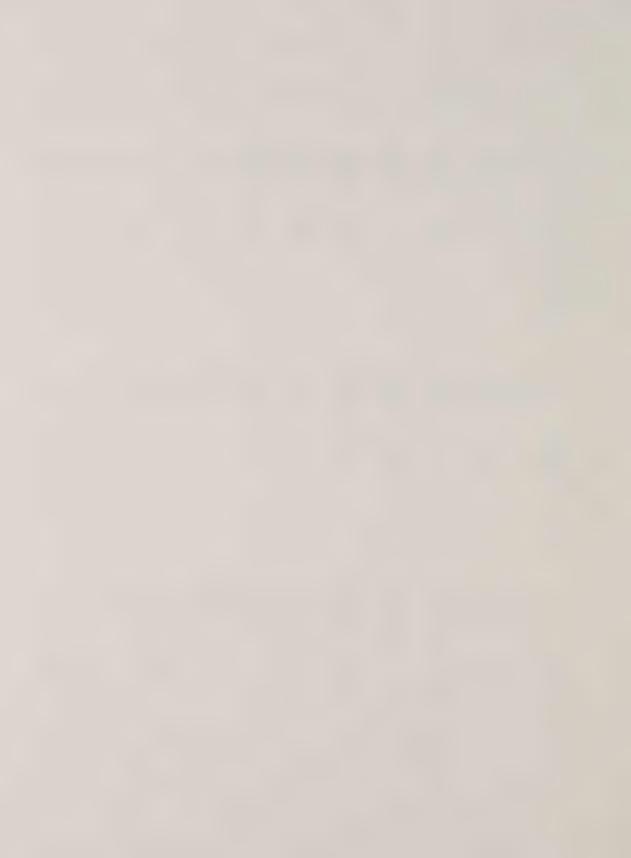
	HARDNESS TOTAL	РН	ALKALINITY TOTAL	ALKALINITY PHENOL- PHTHALEIN	COLOUR APPARENT	TURBIDITY	SATURATION	STABILITY INDEX	SPECIFIC CONDUCT	SPECIFIC CONDUCT
	CACOR		CACO3	CACO3			(CALCO)			
	MG L	PH UNITS	MG L	MG L	REL UNITS		PH UN-15	٠,		1.7
SAMPLES	3	3	3	2.	3	3	1	1	3	
LOW	190.	8.3	207	8	5	0.8	0.8	6.7	375	
HIGH	200.	8.7	225	80	10	1.0	8.0	6.7	426	
AVERAGE	196.	8.5	213	44	7	0.9			392	
STD.DEV	6	0.2	10	51	3	0 1			29	
PERCNT:10TH 25TH										
MEDIAN 50TH	199.	8.6	208	44	5	0.8			376	
75TH										
90TH										
BACKUP CODES										
	00203L	10401L	10501L	10451L	10551L	06001L	J6051L	06101L	36201L	063011
	TOTAL	RESIDUE	RESIDUE	RESIDUE	RESIDUE	CARBON	CARBON	CARBON	BICARBONT.	CARBONATE
	DISSOLVED	NONFILTR.	FIXED NONFILTR.	FILTERABLE	FIXED FILTERABLE	ORGANIC	INORGANIC	DISSOLVED	(CALCD.)	(CALCD.)
	(CALCD)				***************************************	С	С	С	нсоз	CO3
	MG L	MG L	MG L	MG/L	MG L	MG L	MG L	MG L	MG L	MG L
SAMPLES	1					1	1		2	2
LOW	224					15.0	39.0		58	10
HIGH	224					15.0	39.0		233	96
AVERAGE									146	53
STD.DEV									124	61
PERCNT:10TH										
25TH										
MEDIAN 50TH									146	53
75TH										
90TH										
BACKUP CODES										
	36401L FREE CO2	07002L NITROGEN	07105L NITROGEN	07306L NITROGEN	07551L NITROGEN	08401L OXYGEN	09105L ELUORIDE	11103L SODIUM	11201L SODIUM	12102c MAGNESIUM
	(CALCD.)	TOTAL	DISSOLVED	DISSOLVED	DISSOLVED	CONSUMED	DISSOLVED	DISSOLVED	ABSORPTION	DISSOLVED
		KJELDAHL	NO3 & NO2	NITRATE	AMMONIA				RATIO	
	CO2	MG/L	MG L	N MG/L	N MG Ł	MG L	M.	NA MG L	REL UNITS	WG.
0.115.55		1410		IVIO L	MO C	WIG				MGGL
SAMPLES	3		1				1	1	1	
LOW	0.8		L.001				0.44	13.0	0.40	
HIGH	2.1		L.001				0.44	13.0	0.40	
AVERAGE STD.DEV	1.3 0.7									
SID.DEV	0.7									
PERCNT:10TH										
25TH										
MEDIAN 50TH	1.0									

STATION 01YT09AB0002 FOR PERIOD 28/05/73 TO 24/07/73

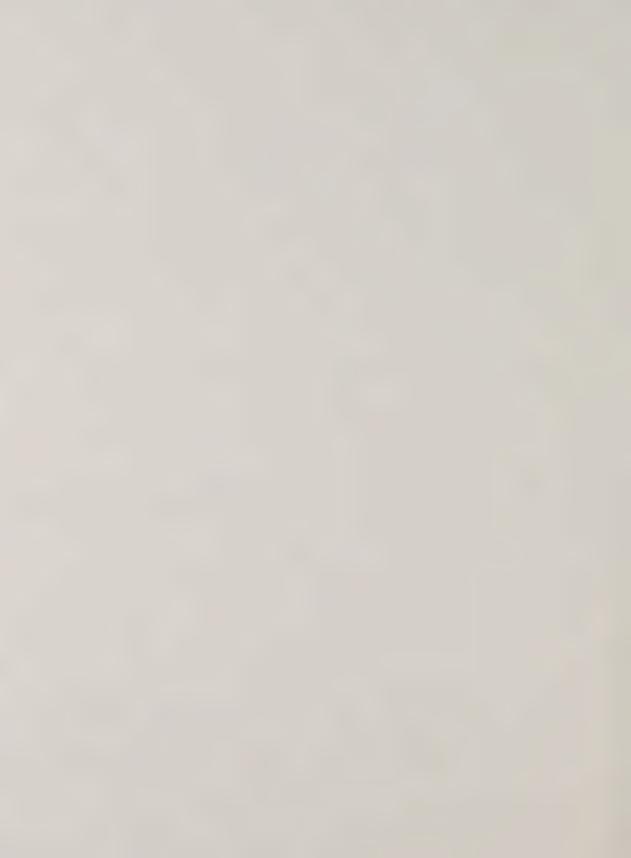
LAT. 60 ° 41 ' 33 " LONG. 135 ° 5 ' 14 "

ICE LAKE AT WHITEHORSE, WATER SUPPLY FOR TRAILER COURT, YUKON TERRITORY

	13101L ALUMINUM DISSOLVED	14101L SILICA REACTIVE		15363L PHOSPHORUS DISSOLVED INORG. PO4	15255L PHOSPHORUS DISSOLVED ORTHO PO4	16303L SULPHATE DISSOLVED	17203L CHLORIDE DISSOLVED	19103L POTASSIUM DISSOLVED	20103L CALCIUM DISSOLVED	25101L MANGANESE DISSOLVED
	AL MG/L	SIO2 MG/L	P MG/L	P MG/L	P MG/L	SO4 MG/L	CL MG/L	K MG/L	CA MG/L	MN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV		1 2.7 2.7		1 0.003 0.003	1 0.003 0.003	2 2.0 3.3 2.7 0.9	1 2.3 2.3	1 5.1 5.1	1 36.0 36.0	1 L.01 L.01
PERCNT:10TH 25TH										
MEDIAN 50TH 75TH 90TH						2.7				
BACKUP CODES		02L							01L	04L
	25304P MANGANESE EXTRBLE.	26102L IRON DISSOLVED	26305P IRON EXTRBLE,	27302P COBALT EXTRBLE.	28302P NICKEL EXTRBLE.	29105L COPPER DISSOLVED	29305L COPPER EXTRBLE.	29305P COPPER EXTRBLE.	30105L ZINC DISSOLVED	30305L ZINC EXTRBLE.
	MN MG/L	FE MG/L	FE MG/L	CO MG/L	NI MG/L	CU MG/L	CU MG/L	CU MG/L	ZN MG/L	ZN MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	3 0.02 0.02 0.02 0.00	1 L.05 L.05	3 L.05 0.25 0.13 0.11	1 L.01 L.01	1 L.01 L.01	1 0.003 0.003		3 L.001 L.01		1 0.003 0.003
PERCNT:10TH 25TH										
MEDIAN 50TH 75TH 90TH	0.02		0.08					L.001		
BACKUP CODES		04L	04P	01P	01P			06P		
	30305P ZINC EXTRBLE.	33103L ARSENIC DISSOLVED	42302P MOLYBDENUM EXTRBLE.	47301P SILVER EXTRBLE.	48302P CADMIUM EXTRBLE.	56301P BARIUM EXTRBLE.	80311P MERCURY EXTRBLE.	82103L LEAD DISSOLVED	82302L LEAD EXTRBLE.	82302P LEAD EXTRBLE.
	ZN MG/L	AS MG/L	MO MG/L	AG MG/L	CD MG/L	BA MG/L	HG UG/L	PB MG/L	PB MG/L	PB MG/L
SAMPLES LOW HIGH AVERAGE STD.DEV	2 L.001 0.01 0.01 0.01	3 L.005 0.009 0.006 0.002		1 L.01 L.01	1 L.01 L.01			1 L.001 L.001		3 L.001 L.01
PERCNT:10TH 25TH MEDIAN 50TH 75TH 90TH	0.01	0.005								L.001
BACKUP CODES	04P				01P					01P



Alphabetical Index Index alphabétique



Location Description	Station Number Station Parameters		Latitu '		Lo	ngitu:	de "	Precision
BATES LAKE, YUKON TERRITORY	01YT08AB0002							
BEAR CREEK, YUKON TERRITORY	00YT08AB0003	60	19		137	30		7
BIG SALMON RIVER AT W.S.C. GAUGE NEAR CARMACKS ABOUT 3 MILES ABOVE MOUTH, YUKON TERRITORY	00YT09AG0001 97900\$ 001	61	52	22	134	50	0	4
BOB LAKE, CANEX PLACER MINE SURVEY NETWORK, YUKON TERRITORY	01YT09BA0001	62	34		129	25		7
Brefalt Creek at road crossing, United Keno Hill Mines, Elsa, Yukon Territory	00YT09DD0008	63	54	41	135	29	2	4
CLEAR CREEK, YUKON TERRITORY	00YT08AA0005	60	32		137	22		7
CLIMBING CREEK, YUKON TERRITORY	00YT08AB0001	60	6		137	34		7
CLINTON CREEK ABOVE CONFLUENCE WITH EASTER CREEK, YUKON TERRITORY	00YT09EC0003	64	26	44	140	44	25	4
CLINTON CREEK AT BRIDGE ON CASSIAR ASBESTOS MINE TOWNSITE ROAD, YUKON TERRITORY	00YT09EC0006	64	24	7	140	36	22	4
CLINTON CREEK AT FOOTBRIDGE ABOVE CONFLUENCE WITH FORTYMILE RIVER, YUKON TERRITORY	00YT09EC0007	64	23	53	140	35	35	4
CLINTON CREEK BELOW CONFLUENCE WITH EASTER CREEK, YUKON TERRITORY	00YT09EC0002	64	26	52	140	43	54	4
CLINTON CREEK DOWNSTREAM OF CASSIAR ASBESTOS MINE WASTE ROCK PILE, YUKON TERRITORY	00YT09EC0004	64	26	41	140	42	44	4
COTTONWOOD CREEK, YUKON TERRITORY	00YT08AA0001	60	30		137	39		7
CRATER LAKE ABOVE WHITEHORSE, YUKON TERRITORY	01YT09AB0001	60	38	33	135	1	57	4
CREEK DRAINING CRATER LAKE, YUKON TERRITORY	00YT09AB0005	. 60	38	35	135	1	57	4
CREEK ENTERING SWAMP AT SOUTH END, ARCTIC GOLD & SIVLER MINES, CARCROSS, YUKON TERRITORY	00YT09AA0003	60	7	20	134	42	26	4
DON CREEK ABOVE PELLY RIVER, CANEX PLACER MINE SURVEY NETWORK, YUKON TERRITORY	00YT09BA0005	62	32		129	47		7
DON CREEK HEADWATERS, CANEX PLACER MINE SURVEY NETWORK, YUKON TERRITORY	00YT09BA0004	62	29		129	17		7
DUCK CREEK, YUKON TERRITORY	00YT08AA0004	60	32		137	26		7

Location Description	Station Number Station Parameters	. 1	atitu	de "	Lo	ngitu		Precision
EASTER CREEK AT DAM, CASSIAR ASBESTOS MINE, CLINTON CREEK, YUKON TERRITORY	00YT09EC0001	84	27	19	140	44	32	4
FIELD CREEK, YUKON TERRITORY	00YT08AB0006	60	12		137	39		7
FLAT CREEK AT BRIDGE ON SHANGHAI ROAD ABOUT 200 YARDS FROM MOUTH DOWNSTREAM OF UNITED KENO HILL MINES. YUKON TERRITORY	00YT09DD0004	63	55	10	135	41	25	4
FORTYMILE RIVER AT CASSIAR ASBESTOS MINE POWER PLANT, YUKON TERRITORY	00YT09EC0005	64	23	40	140	35	50	4
FORTYMILE RIVER BELOW CONFLUENCE WITH CLINTON CREEK, YUKON TERRITORY	00YT09EC0008	64	24	10	140	35	28	4
FRANCES RIVER AT W.S.C. GAUGE AT BRIDGE ON ROBERT CAMPBELL HIGHWAY ABOUT 37 MILES NORTH OF WATSON LAKE, YUKON TERRITORY	00YT10AB0001 97900S 001	60	27	14	129	8	8	4
GOAT CREEK, YUKON TERRITORY	000YT08AA0006	60	33		137	20		7
HIKING CREEK, YUKON TERRITORY	00YT08AC0001	60	6		137	25		7
ICE LAKE AT WHITEHORSE, WATER SUPPLY FOR TRAILER COURT, YUKON TERRITORY	01YT09AB0002	60	41	33	135	5	14	4
KLONDIKE RIVER ABOVE BONANZA CREEK, YUKON TERRITORY	00YT09EA0001 97900S 003	64	2	30	139	24	30	6
KLUANE RIVER AT W.S.C. GAUGE BELOW KLUANE LAKE, YUKON TERRITORY	00YT09CA0005	61	25	37	139	3	1	4
LIARD RIVER AT W.S.C. GAUGE AT BRIDGE ON ALASKA HIGHWAY IN UPPER LIARD CROSSING, YUKON TERRITORY	00YT10AA0001 97900S 001	60	3	0	128	54	0	6
LOWER KATHLEEN LAKE, YUKON TERRITORY	01YT08AA0003	60	34		137	18		7
LUBBOCK RIVER NEAR ATLIN, YUKON TERRITORY	00YT09AA0006	60	4	52	133	51	30	4
M'CLINTOCK RIVER AT W.S.C. GAUGE NEAR WHITEHORSE, YUKON TERRITORY	00YT09AB0002 97900S 008	60	36	45	134	27	27	4
MARSH CREEK AT CAMPSITE, YUKON TERRITORY	00YT08AA0002	60	30		137	39		7
MUSH CREEK, YUKON TERRITORY	00YT08AB0002	60	18		137	28		7
MUSH LAKE, YUKON TERRITORY	01YT08AB0001	60	18		137	27		7
NICKEL CREEK ABOVE HUDSON-YUKON MINE WATER OUTFALL, YUKON TERRITORY	00YT09CA0001	61	27	8	139	30	56	4

Location Description	Station Number Station Parameters	0	Latitu	de "	Lo	Precision		
ONION LAKE, YUKON TERRITORY	01YT08AC0001	60	6		137	25		7
PEEL RIVER AT W.S.C. GAUGE ABOVE CANYON CREEK, YUKON TERRITORY	00YT10MA0001 97900S 001	65	53	40	136	2	10	4
PELLY RIVER AT W.S.C. GAUGE AT BRIDGE ON WHITEHORSE-MAYO HWY AT PELLY CROSSING, YUKON TERRITORY	00YT09BC0002 97900S 001	62	49	47	136	34	50	4
PELLY RIVER AT W.S.C. GAUGE NEAR SUSPENSION BRIDGE AT ROSS RIVER, YUKON TERRITORY	00YT09BC0001 97900S 002	61	59	12	132	26	54	4
PELLY RIVER BELOW VANGORDA CREEK, YUKON TERRITORY	00YT09BC0008 97900S 004	63	13	20	133	22	40	4
PELLY RIVER 4 MILES ABOVE DON CREEK, CANEX PLACER MINE SURVEY NETWORK, YUKON TERRITORY	00YT09BA0002	62	35		129	48		7
PELLY RIVER, CANEX PLACER MINE SURVEY NETWORK, YUKON TERRITORY	00YT09BA0003	62	23		130	0		7
PLUM CREEK, YUKON TERRITORY	00YT08AB0004	60	15		137	37		7
PORCUPINE RIVER AT W.S.C. GAUGE NEAR R.C.M.P. BARRACKS IN OLD CROW, YUKON TERRITORY	00YT09FD0001 97900S 001	67	33	50	139	53	0	4
QUILL CREEK ABOVE CONFLUENCE WITH NICKEL CREEK, YUKON TERRITORY	00YT09CA0003	61	26	57	139	28	28	4
QUILL CREEK BELOW CONFLUENCE WITH NICKEL CREEK ABOUT 4 MILES WEST OF HUDSON-YUKON MINE MILL, YUKON TERRITORY	00YT09CA0002	61	27	28	139	27	31	4
QUILL CREEK BELOW HUDSON-YUKON MINE TAILINGS POND, YUKON TERRITORY	00YT09CA0004	61	30	17	139	19	26	4
ROSE CREEK (NORTH FORK) AT BRIDGE ABOVE ANVIL MINE, FARO, YUKON TERRITORY	00YT09BC0003 97900S 003	62	20	22	133	22	30	4
ROSE CREEK AT END OF OLD TRAIL BELOW ANVIL MINES TAILINGS POND, FARO, YUKON TERRITORY	00YT09BC0005 97900\$ 003	62	21	2	133	26	38	4
ROSE CREEK AT INFLOW INTO ANVIL MINES RESERVOIR, FARO, YUKON TERRITORY	00YT09BC0007	62	19	33	133	21	0	4
ROSE CREEK BELOW ANVIL MINES TAILINGS POND NEAR AIR STRIP, FARO, YUKON TERRITORY	00YT09BC0006	62	21	41	133	25	38	4
ROSE CREEK, FRESHWATER AT ANVIL MINE PUMPHOUSE, FARO, YUKON TERRITORY	00YT09BC0004 97900S 003	62	20	3	133	23	22	4

WATER QUALITY STATIONS: ALPHABETICAL INDEX

Location Description	Station Number Station Parameters	6	Latitu	de		ngitu		Precision
ROSS RIVER AT W.S.C. GAUGE AT ROSS RIVER, YUKON TERRITORY	00YT09BA0001 97900S 001	61	59	40	132	22	40	4
SANDY CREEK AT KENO ROAD BRIDGE 1.5 MILES DOWNSTREAM OF CALUMET MINE WATER DISCHARGE, YUKON TERRITORY	00YT09DD0002	63	55	36	135	26	32	4
SHAFT CREEK, YUKON TERRITORY	00YT08AB0005	60	18		137	33		7
SOCKEYE LAKE, YUKON TERRITORY	01YT08AA0001	60	30		137	38		7
SOUTH MCQUESTEN RIVER ABOVE FLAT CREEK, UNITED KENO HILL MINES, ELSA, YUKON TERRITORY	00YT09DD0007 .	65	53	43	136	1	15	4
SOUTH MCQUESTEN RIVER AT ROAD BRIDGE DOWNSTREAM OF FLAT CREEK, YUKON TERRITORY	00YT09DD0005	63	53	45	136	1	30	4
SOUTH MCQUESTEN RIVER AT UNITED KENO HILL MINES FRESHWATER PUMPHOUSE ABOUT 4 MILES NORTHWEST OF ELSA, YUKON TERRITORY	00YT09DD0003	63	56	7	135	34	14	4
STEWART RIVER AT MOUTH, YUKON TERRITORY	00YT09DD0006 97900S 003	63	16	55	139	14	56	4
STEWART RIVER AT W.S.C. GAUGE AT THE BRIDGE ON THE WHITEHORSE-MAYO HWY AT STEWART CROSSING, YUKON TERRITORY	00YT09DD0001 97900S 002	63	22	56	136	40	59 .	4
STEWART RIVER AT W.S.C. GAUGE JUST EAST OF MAYO, YUKON TERRITORY	00YT09DC0001 97900S 002	63	35	26	135	53	48	4
TAGISH CREEK NEAR CARCROSS, YUKON TERRITORY	00YT09AA0007	60	17	32	134	18	0	4
TAGISH LAKE AT WINDY ARM ABOUT 3 MILES FROM OLD VENUS MINE SITE, YUKON TERRITORY	01YT09AA0001	60	2	50	134	34	10	4
TAKHINI RIVER AT W.S.C. GAUGE AT BRIDGE ON ALASKA HIGHWAY ABOUT 25 MILES NORTHWEST OF WHITEHORSE, YUKON TERRITORY	00YT09AC0001 97900S 001	60	51	8	135	44	21	4
TANK CREEK NEAR CARCROSS ABOUT 0.25 MILE DOWNSTREAM OF ABANDONED ARCTIC GOLD AND SILVER MINE TAILINGS POND. YUKON TERRITORY	00YT09AA0002	60	8	40	134	43	6	4
TESLIN RIVER AT W.S.C. GAUGE AT BRIDGE ON ALASKA HIGHWAY AT JOHNSONS CROSSING, YUKON TERRITORY	00YT09AE0001 97900S 001	60	29	7	133	18	4	4
UPPER KATHLEEN LAKE, YUKON TERRITORY	01YT08AA0002	60	32		137	30		7

Location Description	Station Number Station Parameters		Latitu '			ngitu	de "	Precision
VICTORIA CREEK, YUKON TERRITORY	00YT08AA0003	60	31		137	26		7
WHEATON RIVER,AT W.S.C. GAUGE NEAR CARCROSS ABOUT 3 MILES ABOVE MOUTH, YUKON TERRITORY	00YT09AA0001 97900S 012	60	8	5	134	53	45	4
WHITEHORSE COPPER MINES DISCHARGE INTO CRATER LAKE FROM UNDER ROAD, YUKON TERRITORY	00YT09AB0004	60	38	31	135	1	54	4
YUKON RIVER ABOVE CONFLUENCE OF KLONDIKE RIVER, YUKON TERRITORY	00YT09EB0002	64	2	50	139	27	0	4
YUKON RIVER ABOVE WHITE RIVER, YUKON TERRITORY	00YT09CD0001 97900S 001	63	8	59	139	33	10	4
YUKON RIVER AT DAWSON, YUKON TERRITORY	00YT09EB0001 97900\$ 001	64	4	12	139	25	30	4
YUKON RIVER AT W.S.C. GAUGE AT WHITEHORSE-MAYO HWY BRIDGE ABOUT 0.5 MILE NORTH OF CARMACKS, YUKON TERRITORY	00YT09AH0001 97900S 001	62	5	45	136	16	18	4
YUKON RIVER AT W.S.C. GAUGE AT WHITEHORSE, YUKON TERRITORY	00YT09AB0001 97900S 001	60	42	50	135	2	35	4
YUKON RIVER AT WHITEHORSE COPPER MINES PUMPHOUSE (STATION 4, FRESHWATER STORAGE FOR MILL), WHITEHORSE, YUKON TERRITORY	00YT09AB0003	60	38	51	134	59	15	4
ZINC CREEK NEAR HEADWATERS, CANEX PLACER MINE SURVEY NETWORK, YUKON TERRITORY	00YT09BA0006	62	24		129	34		7









INLAND WATERS DIRECTORATE WATER QUALITY BRANCH, OTTAWA, CANADA, 1975.

DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES, DIRECTION DE LA QUALITÉ DES EAUX, OTTAWA, CANADA, 1978.

